VIVEK SHANGARI

I started taking things apart at 4,
Began putting them back together at 8.
I am a storyteller who tells tales in code.
I think programs, and I carry a piece of
code in my head all the time.

Know more about me here: **vivekcomputes.in**

AVATAR STACK.

I wear a few hats - each one shaped by experience, curiosity, and a healthy appetite for building what matters.

- As a **serial tech-entrepreneur**, I've built and grown ventures from scratch, turning bold ideas into sustainable, scalable businesses.
- As a **programmer**, I enjoy getting hands-on with code, crafting elegant, efficient solutions that balance innovation with real-world performance.
- And as an **educator and storyteller**, I love breaking down complex computer science & math concepts into engaging, relatable narratives - because if you can explain recursion using time travel, why wouldn't you?

Across every role, my focus is on leading with purpose, building high-impact teams, and creating tech that's both meaningful and memorable.

VENTURE STACK.

I'm deeply passionate about building companies from the ground up - it's equal parts chaos, creativity, and caffeine, and I wouldn't have it any other way.

★ ACE HACKER - https://acehacker.com

- Founder & CEO
- 2014 - Present
- I founded Ace Hacker in 2014 with a simple (and slightly rebellious) idea: learning to code shouldn't be boring - or tough. So, at Ace Hacker, we designed courses that transform even the most complex concepts into engaging, memorable stories. Learners don't just watch or read - they enter the narrative, tinker with the code inside each story, and push boundaries without fear of failure. We host programming competitions and hackathons that are equal parts intense and fun, and we've created a space where coders, founders, and investors can connect, collaborate, and occasionally argue about semicolons.

★ codeCraft

- Founder & CEO
- 2010 - 2014
- codeCraft was a mobile intelligence company that harnessed the power of mobile systems to learn, analyze, and resolve user queries using AI solutions - most of which were handcrafted in ANSI Common Lisp (yes, I speak fluent parentheses). codeCraft was acqui-hired by a Fortune 100 company in 2014.

★ Vichaar Foundation

- Founder & Trustee
- 2010 - 2014
- I launched Vichaar Foundation the same year I founded codeCraft - because why start one thing when you can start two and sleep less? Vichaar Foundation was a tech-driven not-for-profit with a bold mission: to partner with government agencies and build software systems that could improve public services and strengthen democratic processes. Ambitious? Absolutely. Successful? Not quite. It tanked. But in true entrepreneurial fashion, I treated the failure as a ...

... fast-track MBA in humility, complexity, and why government APIs age like fine bureaucracy. I took the lessons, the scars, and the insights - and went on to build two successful companies that thankfully did **NOT** tank.

★ **AceNgage** - **https://acengage.com**

- Founder & CTO
- 2006 - 2010
- I co-founded AceNgage with a few brilliant friends - it was an HR Analytics and Intelligence company back when "data-driven HR" was still raising eyebrows. I served as the CTO, building the tech backbone that helped us turn profitable by 2010 (which, at the time, felt like winning the startup lottery). Once we were in the green, I opted for a management buy-out and dove headfirst into my next adventure.

ORIGIN STACK.

Life before the ventures.

★ **ICICI oneSource** (now FirstSource) - **https://firstsource.com**

- Program Manager
- 2004 - 2006
- I led and oversaw complex projects and initiatives, ensuring their successful execution within the organization. I managed cross-functional teams, set project goals and timelines, track progress, and communicated with stakeholders to ensure alignment and achieve desired outcomes.

★ **Andale** (now Vendio) - **https://vendio.com**

- Project Manager
- 2002 - 2004
- I was responsible for planning, executing, and closing projects within the organization. My role involved defining project scope, setting objectives, allocating resources, managing budgets and timelines, and coordinating with stakeholders to ensure successful project delivery while adhering to quality standards and best coding practices.

★ **ICS**

- Lead Programmer
- 1998 - 2002
- As a Lead Programmer, I provided technical leadership and guidance to a team of programmers, and oversaw the development and implementation of software projects. I collaborated with stakeholders to define project requirements, architect solutions, ensure code quality, and mentor team members, driving innovation and delivering high-quality software products.

- Programmer
- 1996 - 1998
- I was responsible for developing, coding, and maintaining software applications and systems for the company. My role involved translating requirements into functional code, debugging and troubleshooting, collaborating with cross-functional teams, and continuously improving software performance and functionality to meet business needs and user expectations.

CONCEPT STACK.

★ Artificial Intelligence

- My journey into AI and machine learning started with a simple question: Can machines think? Now, I spend my days building systems that don't just think - they predict, learn, adapt, and occasionally surprise me with their sass.
- I specialize in building intelligent, reliable systems using deep learning, reinforcement learning, and NLP - turning complex data into smart, actionable insights.
- Whether it's developing predictive models or crafting scalable solutions, I focus on delivering real business value through innovation, adaptability, and just the right amount of code magic.

★ Quantum Computing

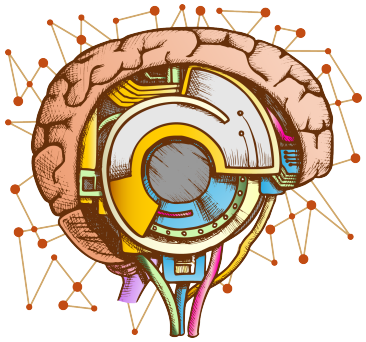
- I'm well-versed in the core principles of quantum mechanics and quantum computing, with hands-on experience in designing and implementing quantum algorithms, manipulating quantum gates, and leveraging quantum entanglement.
- Using these advanced concepts, I explore complex problem-solving and optimization tasks that push beyond classical computing limits - because when it comes to tackling tough challenges, sometimes you need to think in qubits, not bits.
- I drive strategic initiatives that push beyond classical computing boundaries, fostering innovation at the intersection of cutting-edge technology and real-world business challenges. Passionate about building and mentoring high-performing, cross-functional teams, I excel at translating quantum breakthroughs into scalable solutions that deliver measurable value and competitive advantage across industries.

★ Algorithms & Programming

- I speak fluent code - across multiple languages - and know when to use each one to get the job done efficiently and at scale (and when to avoid flame wars over tabs vs spaces).
- Over the years, I've honed my ability to architect high-performance solutions, implement complex data structures and algorithms, and optimize systems to handle serious computational loads without breaking a sweat - or the server.
- Today, my focus is on leading and mentoring engineering teams to build technology that doesn't just run fast - it drives business outcomes, whether that's reducing latency, scaling to millions of users, or shaving hours off processing time to unlock real cost savings and competitive edge.

★ Robotics & Electronics

- I've spent some time designing and building robotic systems that don't just move - they see, sense, and make autonomous decisions (sometimes better than humans, definitely better than my old Roomba).
- From integrating sensors, actuators, and control systems to applying computer vision and machine learning for autonomous behavior, I've had the joy of turning lines of code into robots that can navigate the world - and occasionally surprise me with how clever they are.
- These days, I focus more on leading teams that push the boundaries of robotics and AI, turning science fiction into deliverables that actually ship on time (well, mostly).
- It's part engineering, part orchestration, and part explaining to people that "No, it's not going to take over the world - yet."



I BUILD EVERYTHING FROM AI SYSTEMS THAT TURN MESSY DATA INTO SMART DECISIONS TO QUANTUM ALGORITHMS THAT TANGO WITH ENTANGLEMENT, AND EVEN ROBOTS THAT SEE, THINK, AND OCCASIONALLY SASS ME BACK. WHETHER IT'S DEEP LEARNING, NLP, OR TEACHING MACHINES TO NAVIGATE THE REAL WORLD, I MAKE SURE THEY RUN FAST, THINK SHARP, AND ONLY CRASH METAPHORICALLY.

TECH STACK.

★ Programming Languages

- I'm fluent in a variety of programming languages, but I have a special soft spot for functional programming - because who doesn't love writing code that's elegant, efficient, and just a little bit fancy? I take pride in crafting great code across paradigms, but when it comes to FP, that's where I really get to geek out and let my inner programmer shine.
- These are the programming languages I am proficient in - Python, Go, Java, JavaScript, Node.js, ANSI Common Lisp, Swift, C, C++, ARM, Scheme, HTML5, CSS3.

★ Algorithms & Data Structures

- With a solid grasp of data structures and algorithms, I turn complex theory into practical, efficient, and intelligent applications that actually get the job done.
- Think of me as the bridge between "mind-bending computer science" and "real-world business impact" - with a few quantum leaps along the way.

★ Frameworks & Libraries

- I'm well-versed in a smorgasbord of frameworks and libraries - from React and Angular on the web, to Django and Flask on the backend, Android and iOS SDKs for mobile, and TensorFlow, PyTorch, and Scikit-learn when AI calls the shots.

★ Database Systems

- I'm fluent in the language of data and work extensively across a whole ecosystem of databases. Whether it's cozy relational folks like MySQL and Oracle, the wild NoSQL frontier with MongoDB, the intricate connections of Amazon Neptune's graph databases, or the time-bending magic of InfluxDB's time series - I've got it covered.
- Need distributed power? Apache Hadoop is my playground. When speed is king, I turn to in-memory champs like Redis and Apache Ignite. And of course, I'm comfortable navigating the cloud seas with Microsoft Azure Cosmos DB and Amazon Aurora.

MATH STACK.

★ Calculus

- When I'm not leading teams or scaling companies, I occasionally moonlight as a math evangelist - yes, I teach Calculus. From limits and continuity (because everything has a starting point - even your morning coffee) to derivatives that power optimization in machine learning, integrals that make sense of probability and data, and differential equations that model the beautiful chaos of dynamic systems (including those in quantum computing).

★ Linear Algebra

- Between strategy meetings, scaling ventures, and the occasional existential debate with an AI model, I find joy in teaching Linear Algebra - the secret sauce behind many of today's AI and quantum breakthroughs. I dive into vector spaces and linear transformations (great for explaining how data actually thinks), matrix operations for crunching numbers efficiently, and eigenvalues and eigenvectors for making high-dimensional chaos feel... slightly less chaotic.
- And yes, I even get into quantum gates and circuits - because classical logic sometimes just isn't weird enough.

★ Probability & Statistics

- When I'm not architecting strategies, mentoring brilliant minds, or exploring the next big tech frontier—and occasionally debugging the universe—I also teach Probability & Statistics. Because what's life (or leadership) without a little uncertainty? I dive into probability theory to model uncertainty (especially in AI and quantum computing), use statistical inference to transform raw data into smart decisions, and wield hypothesis testing to figure out if your AI is truly insightful or just bluffing.
- I get a kick out of Bayesian statistics - because updating your beliefs as new evidence rolls in is how both great algorithms and great leaders evolve.

GEEK STACK.

When not engrossed in books, these are few other roles I play.

★ Science Communicator

- I'm a firm believer that science should never be locked away in ivory towers - it should be out in the streets, shaking hands, making friends, and occasionally blowing people's minds.
- My enthusiasm for science is matched only by my love for telling stories that make even the most complex concepts feel like a casual conversation over coffee (minus the boring jargon).
- I use my signature 3As - Analogies, Anecdotes, and Animation - to turn intimidating scientific ideas into something relatable, visual, and, dare I say, fun.
- Whether I'm explaining quantum entanglement to a curious CEO or helping a student "get" machine learning, my goal is the same: spark curiosity, build understanding, and prove that science isn't just for scientists - it's for everyone.

★ (Algorithmic) Puzzler

- I'm a self-confessed puzzle addict - though I like to think of it as "strategic problem-solving training in disguise." Designing algorithmic puzzles is my version of a spa day.
- I thrive on spotting patterns, twisting them into mind-bending challenges, and watching others dive headfirst into the delightful frustration of trying to solve them.
- My puzzles follow a personal code: easy to explain, wicked to solve, elegant in answer, and just intriguing enough to make you rethink everything you thought you knew.
- In other words, they're like my leadership style - clear in direction, challenging in execution, and rewarding when cracked.

★ Machine Whisperer

- When I'm not building companies or crafting tech strategies, I'm probably in the garage with my Harley Davidson - stripping it down to the last nut and bolt under the noble banner of "tuning."
- The rebuilding part? That's a multi-weekend saga involving patience, precision, and the occasional mystery screw that makes me question the laws of physics.
- I like to think I've become so good at fixing motorcycles that people call me The Machine Whisperer. (Full disclosure: nobody actually calls me that - but I'm working on the branding.)

★ (Arcade) Game Developer

- I'm an unapologetic gamer who decided that simply playing my favourite arcade classics wasn't enough - I had to rebuild them, pixel by pixel, in the browser. It's part nostalgia, part obsession, and part "because I can."
- Every simulation I create is my way of merging childhood wonder with technical expertise - proof that sometimes, the kid who spent hours in front of an arcade machine grows up to lead teams, build businesses, and still make time to code a pixel-perfect homage to the glory days of gaming.

CONTACT PROCEDURE STACK.

If you're absolutely bursting with excitement to contact me (and really, who wouldn't be?), here's how you can try your luck:

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