Sid Verma, 4x Founding Engineer, Sr Full Stack Engineer/Tech Lead, India
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Sr Full Stack Engineer with 7+ years of experience.
Building products from 0 to 1.
Polyglot developer who leverages Agentic AI to write clean and modular code by practicing SOLID principles ensuring the scalability and maintainability of the code. Established team-wide coding standards that separate business logic from view logic which saves time and cost for the organisation.

Languages: TypeScript, JavaScript, Go, Python, Rust, Ruby on Rails, PHP, Java, Kotlin
Frontend: React, Next.js, React Native, Flutter, TailwindCSS, Redux Toolkit, Zustand
Backend: Node.js, NestJS, Fastify, Express, FastAPI, Prisma, GraphQL, Socket.io
Data & Messaging: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, Kafka
Cloud & DevOps: AWS (Lambda, EventBridge, SQS, SNS), GCP, DigitalOcean, Docker, Kubernetes, Terraform, CI/CD
AI: Agentic Coding (Claude Code), RAG pipelines, vector databases (Pinecone), LangChain, Claude/GPT/Ollama integration

Work Experience
Sr Software Engineer (Node.js, Flask, React.js, AWS, Lambda, Elastic Beanstalk, Event Bridge, SQS, SNS, New Relic)
Reap | Hong Kong SAR | November 2025 - January 2026
- Developed the EventBridge module to enable communication between microservices.
- Implemented Zendesk functions in the internal CRM to update and display KYB status in Zendesk tickets; wrote unit test cases using jest-mock-extended.
- Migrated new roles for the Admin dashboard's RBAC and developed authorization middleware supporting authorization based on roles and permissions assigned to the users for multiple microservices.

Technical Lead (React Native, Next.js, Node.js, Prisma, PostgreSQL, MongoDB, CI/CD Pipelines, Docker, DigitalOcean, LLM RAG, Vector database, Golang, Redis, Kafka)
Navicater | Vancouver, Canada | January 2025 – November 2025
- Joined as a founding engineer and led development of a maritime social media platform and multiple SaaS products from scratch.
- Architected and implemented scalable frontend and backend microservices, ensuring high performance, security, and reliability.
- Designed backend microservices architecture and infrastructure, implemented database connection pooling and read replicas, and caching to optimize system performance.
- Built Kafka-based event-driven communication between microservices for asynchronous processing.
- Implemented an LLM-powered RAG pipeline for the chat application using vector databases, deployed on self-hosted GPU infrastructure, integrating GPT, Claude, and Ollama models.
- Created Dockerfiles, CI/CD pipelines, and Nginx reverse proxy configurations for automated microservice deployment on DigitalOcean infrastructure.
- Developed a TV streaming application capable of scheduled video playback and streaming using Protocol Buffers (protobuf) for efficient data serialization.

Sr Software Engineer (React Native, Next.js, Node.js, Deno, React.js, PostgreSQL, MongoDB)
ANQ Finance | Bengaluru, India | May 2022 – January 2025 | Hybrid
- Joined as the first founding engineer in the team and developed a DeFi Banking platform from scratch.
- Developed the public facing mobile app, backend services and CRM for the platform and scaled the users to 1.4 million users.
- Developed the frontend and backend of the following modules: Prepaid card (Integrated Pine Lab's APIs), credit card (Integrated Yes Bank's APIs) and bounties in the form of gold and BitCoin (Integrated APIs of Koshex and Mudrex).
- Implemented the various security measures to prevent SQL injections, brute force attack, reverse engineering of the mobile app's Android APK, securing and encryption of the environment variables of the app.
- Developed the CRM web app supporting various roles for the product team, the sales team, the operations team and the tech team.
- Was involved in team building, hiring and mentoring the developers. Led a team of 6 developers to build multiple modules. Documented a standardized way of writing clean and modular code.

Sr Software Developer (Next.js, React.js, Node.js, Golang, Python)
Qiraad Inc | USA | June 2019 - May 2022 | Remote
- Joined as a founding engineer in the team and built a stock trading platform wherein the real time stock prices were updated via web sockets for customized watchlists created by the user.
- Implemented graphs, the trading view chart and developed the module to view the real time prices.
- Developed the trading algorithm to dynamically create strategies with technical and fundamental indicators to determine buying/selling of the stocks. The user was able to dynamically select and create a combination of formulas from the application. Every formula required a different set of HTML elements and their inputs were saved and dynamically rendered for the user's visualization.
- Created the microservices with client side load balancing architecture and developed it from scratch.
- Developed the micro frontend in order to split the pages into separate modules in order to create and integrate them as separate packages.

Education
Bachelor of Computer Application (2016-2019)
Symbiosis Institute of Computer Studies and Research, India
Graduated with **8.53/10 CGPA.**

Achievements
Award by ANQ Finance
I was awarded for my significant contribution to the development of Prepaid card (Pine labs) and Credit card (YesBank) modules.

IEEE Age of Innovation (Prelims)
Built a Carpooling application and competed solo against 15 teams comprising 3 – 4 members and stood second.

MLH Hackathon Winner
Built a Timetable application on Android for college. The event was arranged by Microsoft GitHub in 40 different countries at the same time.

Innovations in Engineering, Technology and Sciences Supported By IEEE
My conference paper on Carpooling application was published in the International Conference.

Open Source Project Contribution
FormsLab https://github.com/Ryczko/FormsLab
Developed the feature to update the status of the survey and provide the feedback.

API Service https://www.npmjs.com/package/apis-service
Developed a package to interact with other microservices or third party APIs such as Payment gateways, Analytics, Social media integration, Geolocation Services or any application seamlessly without having to worry about signing in & the token being expired.