

Vivek Agrawal

<https://www.linkedin.com/in/access2vivek>

Email: access2content@gmail.com | Phone: +917048992249

Summary

Manipal University, Manipal grad. in B. Sc. (IT). 7 years development experience, specializing in JavaScript and TypeScript backend for 3 years. Skilled in architecting scalable solutions, emphasizing documentation. Committed to team growth, success, and proactive delivery.

Technical Skills

Backend: NodeJs, NestJs with TypeScript, Go with Mux

Database: MongoDB, PostgreSQL, Firebase, Redis

Testing: Jest, Postman, jMeter

Cloud: Google Cloud Platform(GCP), Amazon Web Services(AWS), Github CI/CD

Architecture: Microservices, Event-Driven, Monolith, Pub/Sub, WebSockets, gRPC & ProtoBuf

Non-Technical Skills

Leadership: Leading cross-functional teams, reliable timely project delivery, consistent team motivation, foster communication and collaboration

Documentation: API via Swagger/OpenAPI, BRD, FRD, Sequence Diagrams, ER Diagrams, Use case Diagrams

Process Management: Optimizing processes, standardizing code, resolving blockers, JIRA workflows, client expectation management

Multi-domain Experience: Finance, Entertainment, Gaming, Health, E-Commerce, Travel

Key Achievements

- Implemented CQRS microservice design pattern for faster request processing
- Designed and Implemented Microservice architecture for 10 services
- Creating benchmark tests to ensure 2800+ Transactions Per Second for a module
- Designed and Implemented Event Sourcing pattern for crash recovery
- Built FIX protocol interface from scratch in Golang
- Developed a distributed logging module for 5+ services
- Introduced WebSockets interface in JavaScript to overcome Golang limitations
- Deploy microservices to Clouds in containers
- Developed the Crypto payment module using NodeJs and Express
- Designed and Developed settlement module using Hedera ecosystem

- Created 2 Upgradeable Smart Contracts
- Developed rule checking algorithm for generating and validating NFT art
- Created developer guidelines, resulting in developer on-boarding within 2 days

Work Experience

Stealth Mode Startup (2 months)

Role: Technical Head | **Tenure:** September 2023 - November 2023

- Spearheaded the technical team for a high-frequency exchange
- Built a stable exchange in 2 months with a very lean team
- Implementation of NestJs for building a stock exchange
- Debugging Technical issues in a live environment
- Creating comprehensive documentation and technical diagrams
- Create, test, and debug APIs in NodeJs and NestJs
- Communicating with Quant team to integrate trading models in the product

Rejolut Technology Solutions Pvt. Ltd. (~3 years)

Role: Technical Architect/Team Lead/Backend Developer | **Tenure:** September 2020 - July 2023

- Orchestrated the implementation of NestJs backend structure organization-wide
- Mentored junior developers on best development practices, fostering skill enhancement
- Trained freshers/interns: From training to live project in 2 months
- Spearheaded a cross-functional team of 17+ for a high-frequency crypto exchange
- Innovated templates for essential business documents such as FRD and BRD
- Developed an in-house library for Hedera Blockchain Ecosystem (HCS and HTS)
- Create, test, and debug API in NodeJs and NestJs

AV Tech Global - Self-employed (4+ years)

Role: Founder and CEO | **Tenure:** January 2016 - August 2020

- Co-authored "The Growth Hacking Book" on Marketing: From 0 to 10k in 3 months
- Managed marketing for FMCG brand - Peri CRM.
- Engineered a tool for WhatsApp Marketing and Instagram Marketing automation
- Devised an automation tool for Job Applications in Australia
- Oversaw Amazon Sellers Account for Electronic Goods

Projects

- CoinSwitch Exchange ([Crypto Exchange](#)) - Team Lead and Backend Developer
- Xeni ([Travel](#)) - Technical Architect and Lead Backend Developer
- Kryptoria ([Gaming](#)) - Technical Architect and Senior Backend Developer
- MyKaizen ([Health](#)) - Technical Architect and Senior Backend Developer
- Aeon ([E-Commerce](#)) - Lead Backend Developer