

Dhruvil Vasava

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Professional Summary

Senior Backend Engineer with **4+ years** of experience designing and shipping scalable backend systems for international, high-traffic platforms. Currently leading a **7-member team** at Avesta HQ, powering **view.com.au** — one of Australia's largest real estate marketplaces. Expert in **Clean Architecture**, **TDD**, microservices, and **AI-augmented agentic workflows** that act as force multipliers for engineering teams.

Technical Skills

Languages: Node.js, TypeScript, Express.js, Python, SQL

Databases & Caching: PostgreSQL, MySQL, Redis, Elasticsearch

Architecture & Practices: Microservices, Clean Architecture, DDD, TDD, Event-Driven Design

Cloud & DevOps: AWS (EC2, Lambda, SQS, S3, RDS, ECS), Docker, GitHub Actions, CI/CD

AI & Automation: LLM Integration (OpenAI, Claude API), Workflow Orchestration, AI-Assisted Software Development

Leadership: Team Management, Sprint Planning, Task Estimation, Code Review, Agile / Scrum

Experience

Senior Backend Engineer — Team Lead

Mar 2024 – Present

Avesta HQ | view.com.au

Ahmedabad, India

- Lead a **7-engineer backend team** across sprint ceremonies (planning, grooming, retros), code reviews, and mentorship, maintaining consistent delivery against quarterly roadmap commitments.
- Own end-to-end architecture of backend systems on **view.com.au**, serving millions of monthly users across property listing, search, and recommendation workflows at 99.9%+ uptime.
- Engineered **AI-powered agentic workflows** using LLMs and orchestration frameworks, automating repetitive engineering tasks and significantly compressing feature delivery timelines.
- Defined and enforced team-wide engineering standards — breaking down complex product initiatives into estimable tasks and aligning product, DevOps, and data stakeholders on delivery scope.
- Drove adoption of **Clean Architecture** across service boundaries, enabling independent team deployments and eliminating inter-team release bottlenecks.

Backend Engineer

Jul 2022 – Mar 2024

Avesta HQ | view.com.au

Ahmedabad, India

- Built and maintained RESTful APIs and microservices for core view.com.au features including property search, listings management, and user authentication at scale.
- Introduced **Redis caching** and targeted database query optimisation, reducing average API response time by **55%** on high-traffic listing endpoints.
- Designed event-driven data pipelines to synchronise property data across distributed services, cutting data sync lag by **40%** with high consistency guarantees.
- Implemented **JWT authentication**, input validation, and SQL injection prevention, hardening API security across multiple service domains.
- Established **TDD discipline** — grew unit and integration test coverage from ~30% to 85%+, reducing post-release defect rates by over 60%.
- Improved CI/CD pipelines and developer tooling, cutting average build and deployment time by **30%** across the team.

Key Achievements

- Scale:** Contributed to backend infrastructure serving millions of monthly users on view.com.au with sub-second P95 latency on critical search and listing endpoints.
- AI Innovation:** First on the team to productionise LLM-based agentic automations, reducing manual engineering overhead and acting as a measurable velocity multiplier.
- Career Growth:** Progressed from individual contributor to leading a 7-person backend team within 2 years — consistently delivering on cross-functional milestones.

Education

Bachelor of Engineering — Computer Engineering

Vishwakarma Government Engineering College, Chandkheda

2019 – 2023

Gandhinagar, India

Secondary & Higher Secondary Education

Jawahar Navodaya Vidyalaya (JNV)

2012 – 2019

India