

AVINASH JAGDISH GHARE

Senior Software Engineer | Technical Lead

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PROFESSIONAL SUMMARY

Technical Lead with 10+ years of experience building real-time, high-concurrency platforms on Node.js, MongoDB and Redis, serving 100,000+ concurrent users. Experienced in API security hardening, latency optimization and AI-assisted engineering (Claude, Cursor), and in leading teams from design through production under Agile.

KEY ACHIEVEMENTS

- Cut average API response time by **35%** through **Redis-based caching** and performance hardening, while securing APIs with **JWT authentication** and encryption standards.
- Reduced development time by **~30%** by introducing AI pair-programming (**Claude, Cursor**) into API design, code review and documentation.
- Mentored **10+ developers** and raised sprint delivery efficiency by **20%** through code-review practices and coding standards.

CORE SKILLS

Languages & Frameworks: JavaScript, TypeScript, Node.js, Nest.js, Vue.js

Databases & Caching: MongoDB, Redis, BigQuery, Snowflake

Cloud & DevOps: AWS, GCP, Docker, Kubernetes, CI/CD

Architecture & Security: Microservices, REST APIs, real-time systems (Socket.io), JWT authentication, encryption standards, secure API design

AI-Assisted Engineering: Claude, Cursor — API scaffolding, code review, refactoring, documentation

Practices & Tools: Agile/Scrum, Git, JIRA, Confluence, code reviews, Datadog, APM

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Tech Lead | Black Turtle Productions FZ LLC, Abu Dhabi *Mar 2025 – Present*

- Build and optimize **REST APIs** for real-time gaming platforms (Node.js, Nest.js, MongoDB, Socket.io), using Cursor and Claude to speed up development, review and documentation.
- Lead security and performance hardening with **Redis-based caching** and **JWT authentication**, reducing latency and strengthening API security.
- Design fault-tolerant **microservice architectures** with high availability and low latency under heavy load.
- Deploy containerized Node.js services to **Kubernetes** on **AWS and GCP**, working alongside DevOps teams.
- Set encryption standards and secure API design practices across services; run peer code reviews and monitor performance with Datadog and APM.

Senior Technical Lead | Wohlig Transformation Service Pvt Ltd — Mumbai, India *Aug 2017 – Jan 2025*

- Led end-to-end development of a real-time fantasy gaming platform (Node.js, Vue.js, MongoDB, Socket.io) supporting **100,000+ concurrent users**.
- Mentored **10+ developers**; directed code reviews and coding standards, raising sprint efficiency by **20%**.
- Deployed containerized Node.js services to **Kubernetes** on **AWS and GCP**, working alongside DevOps teams.
- Directed legacy-code cleanups and integrated Datadog/APM monitoring, improving maintainability and visibility.

Senior Software Developer | All Information Business Services Pvt Ltd — Mumbai, India *Sep 2015 – Jul 2017*

- Built web solutions in PHP (CodeIgniter), AngularJS and Node.js, including backends for anyinformation.com and achadiscount.in; integrated the Google Places API for location-based features.

Software Developer | Wohlig Transformation Business Service Pvt Ltd — Mumbai, India *Jul 2014 – Sep 2015*

- Delivered web projects with CodeIgniter, AngularJS and Sails.js, including indiavaluehomes.com, magicmirror.in and lylaloves.co.uk.

Web Development Intern | IT Vedant Academy — Thane, India *Jan 2014 – Jun 2014*

- Built PHP/MySQL applications and front-ends with jQuery and HTML5, including cmchess.com and homaa.in.

EDUCATION

Master of Computer Applications (MCA) — IBSAR, Karjat, Maharashtra, India *2014*

Bachelor of Science in Information Technology (B.Sc IT) — KGKC, Karjat, Maharashtra, India *2011*