

JUGAL JOSHI

Full-Stack Web Developer & Web Security Specialist

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SUMMARY

Full-stack web developer with 4+ years of experience building ERP, order-management and e-commerce applications in PHP/Laravel, Node.js and React/Next.js on MySQL and PostgreSQL. Handles the full path from requirement to release: schema design, REST APIs, authentication and role-based access, front-end, testing and deployment on Vercel, Firebase and AWS S3. Applies OWASP Top 10 practices in day-to-day work.

TECHNICAL SKILLS

Front End: JavaScript, TypeScript, React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, responsive and cross-browser layouts

Back End: PHP, Python, Node.js, Express, Laravel, REST API design, JWT and session authentication, role-based access control, MVC, Prisma, MQTT

Databases: SQL, MySQL, PostgreSQL, SQLite, Firebase, schema design, normalisation, indexing, query optimisation

Tools & Hosting: Git, GitHub (branching, pull-request reviews, Actions), Vercel, Firebase Hosting, AWS S3, Linux, Vite, npm, Composer

Security: OWASP Top 10, input validation, session hardening, basic vulnerability assessment (Burp Suite, Nmap, Wireshark)

AI-Assisted Development: Claude Code, Codex, Antigravity used for scaffolding, code review, and test generation inside a normal PR workflow

EXPERIENCE

Technical Lead — Parad Infotech

Jun 2026 – Present

- Lead technical delivery for client websites and web applications: requirement gathering, estimates, build, deployment and ongoing maintenance.
- Technical point of contact for non-technical clients and designers; turn business requirements into written specifications and report status and risks early.
- Set one repository structure, branching and pull-request workflow and documentation standard across all client codebases.

Web Developer — TechTOnions

Jan 2024 – Sep 2026

- Built and maintained ERP, order-management and e-commerce applications in PHP/Laravel and Node.js with React and Next.js front ends on MySQL and PostgreSQL.
- Owned the core backend modules inventory, sales, purchasing, warehouse, vendor and customer management, reporting from schema design through release.
- Integrated third-party APIs, plugins and backend services and kept data consistent between front-end screens and backend records.
- Implemented JWT/session authentication, role-based access control and server-side validation following OWASP Top 10.
- Debugged production issues across environments and tuned slow queries and page loads so the applications held up under live traffic.

Web Developer — Mr. Itwala

Mar 2022 – Dec 2023

- Built PHP web applications, backend modules and admin panels for client projects.
- Designed and optimised relational database schemas and queries behind day-to-day business workflows.

Faculty Lecturer — IANT – Institute of Advance Network Technology

Jan 2022 – Dec 2023

- Taught programming, networking, operating systems and cybersecurity fundamentals; explained technical topics to beginners.

PROJECTS

- **Enterprise ERP** — Laravel · Node.js · MySQL · REST. Inventory, sales, purchasing, warehouse, vendor/customer management, reporting and role-based access; delivered in both PHP and Node.js stacks.
- **E-commerce platform** — React · TypeScript · Tailwind CSS · Prisma · PostgreSQL · AWS S3. Customer storefront plus admin dashboard on a shared data layer, S3 media uploads and animated product visuals.
- **IoT device-monitoring client** — Electron · React · Vite · MQTT · Express · MySQL. Real-time desktop monitoring over MQTT, backed by a hardened Express REST API (Helmet, CORS), with Excel export and light/dark themes.
- **Gym CRM** — Next.js · TypeScript · Prisma · PostgreSQL. Member and membership management on a typed stack.
- **Signal Ghost** — React Native · Expo (Android). Wi-Fi and BLE signal scanning app. github.com/jugal9484/signal-ghost
- **Portfolio site** — Next.js on Vercel, auto-deployed from a public GitHub repo. jugaljoshi.vercel.app

EDUCATION

M.Sc. Information Technology — Krantiguru Shyamji Krishna Verma Kachchh University, 2024 – 2026 · **Gold Medalist**

M.Sc. Cybersecurity — Dr. Babasaheb Ambedkar Open University, 2024 – 2027

B.C.A. — Sanskar Institute of Management & Information Technology, 2021 – 2024

CERTIFICATIONS

IANT Computer Hardware & Networking Administrator (CHNA) · TryHackMe SOC Level 1 · Star Certification Ethical Hacking Expert R11 · Cisco Introduction to Cybersecurity