

Suresh Krishna Paulraj

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SKILLS SUMMARY

- **Languages:** Java, JavaScript, TypeScript, SQL
- **Frameworks:** NextJs, ReactJs, NestJs, Zustand
- **Tools:** Vim, Docker, GIT, PostgreSQL, MySQL
- **Platforms:** AWS, Cloudflare, Vercel, GitHub Actions
- **Soft Skills:** Communication and collaboration, Adaptability, Writing, Curiosity, Time Management

EXPERIENCE

- **Blocsys** Pune, India
Jr. Blockchain Developer (Full-time) *Sep 2025 - Present*
 - **Built scalable web applications:** Focusing on clean architecture, performance, and seamless user experience.
 - **Web3 Applications:** Worked on decentralized applications across Solana and EVM ecosystems, integrating smart wallets, smart contracts, and on-chain interactions.
 - **Managed server deployments:** CI/CD pipelines to streamline development workflows, automate releases, and ensure reliable application delivery across environments.
- **Blocsys** Pune, India
Software Developer (Intern) *July 2025 - Aug 2025*
 - **Collaborated with a team of developers:** Design and implement optimized software solutions.
 - **Developed RESTful APIs:** Backend services using NestJs, implementing the MVC architecture for modular, scalable and maintainable applications.

PROJECTS

- **Witora - self-hostable blogging platform [GitHub]** : Self-hostable, multi-tenant blogging platform: each author gets a themable public site at /username (or a custom domain) with a rich-text editor, 40+ themes, built-in SEO, and a post-analytics dashboard. Every publish sends an email newsletter to subscribers, and readers get fast author pages with RSS feeds and a subscribe widget.
[Next.js, NestJS, PostgreSQL, Prisma, Redis, RabbitMQ, S3]
- **P2P Messenger - serverless, end-to-end encrypted messenger [GitHub]** : End-to-end encrypted messenger (CLI + browser) with no central server – messages travel directly between peers over WebRTC, with Nostr relays for discovery and offline delivery. Implemented Signal-style encryption from scratch (Double Ratchet, group keys) and integrity-verified encrypted file transfer.
[TypeScript, WebRTC, Nostr, React, Node.js, SQLite]
- **Heartbeat - Uptime Monitoring Platform [GitHub]** : Multi-tenant uptime monitoring SaaS that runs per-minute health checks on user-defined HTTP endpoints (GET/POST/HEAD) via Vercel Cron, tracking status, response time, and 30-day uptime history. Automatically detects incident open/resolve transitions and dispatches email alerts, with secure authentication and project-based endpoint organization.
[Next.js, TypeScript, Prisma, PostgreSQL, Op]
- **Wallet Guardian - on-chain transaction firewall [GitHub]** : An AI agent that simulates a pending EVM transaction before you sign it, explains in plain English what it will actually do, and flags malicious approvals and wallet-drainer patterns behind a human approval gate.
[TypeScript, Next.js, viem, Anvil, LLM API]

EDUCATION

- **Suman Ramesh Tulsiani Technical Campus** Pune, India
Bachelor of Computer Science - Information Technology; GPA: 7.6/10 *July 2021 - June 2025*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
- **D.Y. Patil University** Pune, India
High School (HSC) - Science; 78% *2019 - 2021*
Subjects: Physics, Chemistry, Mathematics

AWARDS

- **Kimo.ai Tech Competition** Pune, India
Secured 1st Place among 100+ participants, earning a prize of Rs.15,000. *Oct 2023*

VOLUNTEER EXPERIENCE

- **Suman Ramesh Tulsiani Technical Campus** Pune, India
Organized and hosted multiple technical events and competitions within the college. *Oct 2023 - Feb 2024*