Sreejesh S

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EDUCATION

Sri Eshwar College Of Engineering — Coimbatore, TN
B.E CSE (Cybersecurity); CGPA 7.8 — *2024 – 2028*

Nirmala Matha Matric Hr Sec School — Coimbatore, TN
HSC (79%) | SSLC (85%) — *2021 – 2024*

EXPERIENCE

FOSSEE Winter Intern — Jan 2025
IIT Bombay — *Remote*
- Contributed to Osdag, an open-source structural engineering software, focusing on the bridge design module.
- Improved module workflow logic and UI layer, making structural design tasks more efficient for engineers.
- Built reliable connections between the interface and the backend computation engine handling structural analysis.

Open Source Contributor — Dec 2025 – Present
AsyncAPI (conference-website) — *Remote*
- Submitted 6 pull requests including fixing event date parsing logic (PR #966) and resolving ESLint exhaustive-deps warnings in React hooks (PR #889).
- Collaborated with maintainers through code reviews, maintaining quality in a large open-source Next.js codebase.

PROJECTS

Aegis | *React, React Native, Node.js, Express.js, PostgreSQL, Razorpay, IMD APIs* | Live | GitHub
- Built a parametric income-protection platform for India's gig workers — weather events trigger automatic UPI payouts with zero manual claims.
- Developed the React web app (landing + dashboard) and a React Native mobile app (Expo) for gig workers to manage their coverage.
- Integrated real-time IMD weather feeds, GPS zone matching, and an AI risk engine that cross-validates fraud signals in under 200ms via Razorpay.

Hustlx | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB*
- Developed a platform empowering homemakers to showcase skills, find flexible work opportunities, and earn income independently.
- Built skill-based search and job-matching with an intuitive interface bridging societal and economic barriers.

ACHIEVEMENTS & LEADERSHIP

Hackathon Wins: Winner of Adya AI Hackathon (Rs. 1 Lakh prize & PPO), Best Web Design at HackBeyond Limits (30K prize), Winner of Creatathon Hackathon.
Leadership: Technical Lead (Center for Innovation, SECE), Vice President (Unstop Igniters Club, SECE), Co-founder (Collabia).
Ambassadorships: Campus Partner (Perplexity AI), Campus Ambassador (Notion).
Competitive Programming: LeetCode (300+ problems, Rating: 1650+) | SkillRack (880+ problems, 10 Certifications).

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, TypeScript
Frameworks & Libraries: React.js, React Native, Node.js, Express.js, Django, Three.js, Tailwind CSS, Zod
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, GitHub, Docker, Postman, DVC, VS Code, Expo
Core Concepts: DSA, RESTful APIs, Async Programming, Parametric Systems, Open Source Contribution

CERTIFICATIONS

Software Engineering: Goldman Sachs Software Engineering Job Simulation (2024)
Development: Postman API Fundamentals (Ongoing), C and C++ Training (IIT Bombay)
Databases: SQL (HackerRank)