B Suraj Patra

B.Tech CSE Student | Cross-Platform Development Frameworks | Full-Stack Developer

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Summary

Ambitious Computer Science engineering student skilled in Java, C, SQL, and full-stack development. Proficient in Data Structures, OOP, and building scalable applications, with a strong foundation in Linux and open-source collaboration. Quick learner driven by curiosity, innovation, and continuous learning, eager to master emerging technologies and deliver impactful, maintainable solutions.

Education

K L E F Deemed To Be University – B.Tech CSE (2023–2027) — GPA: 9.38/10 — Vijayawada, India
Sunabeda Public School – Class XII (ISC, 2021–2023) — GPA: 8.50/10 — Sunabeda, Odisha, India
Sunabeda Public School – Class X (ICSE, 2020–2021) — GPA: 9.35/10 — Sunabeda, Odisha, India

Projects

KL Eats – Campus food pre-ordering platform with mobile-first UI, real-time menus, and Cashfree payments, plus a team finance tracker for payments, profits, and payouts. Tech Stack: Next.js 15, React 18, TypeScript, Tailwind, shadcn/ui, Node.js, Express, MySQL, Redis

KarmaSync – Lightweight Agile Project Management Suite with Kanban board, personal To-Dos, role-based collaboration, and secure authentication. Tech Stack: MERN (MongoDB, Express, React, Node.js)

SafeWebVerify – Full-stack web app for detecting phishing websites in real time using a trained ML model (98% accuracy). Tech Stack: React, Node.js, Express, MongoDB, Flask, scikit-learn

Skills

Technical: C, Java, JavaScript, SQL; MERN (MongoDB, Express, React, Node.js), React Native; Git, Linux CLI, Docker, CI/CD basics; Data Structures, Algorithms, OOP

Non-Technical: Problem Solving, Design Thinking, Agile/Scrum, Generative AI Prompting, Team Management, Public Speaking, Strategic Vision

Certifications

- MongoDB Associate Developer – MongoDB
- AWS Cloud Practitioner – Amazon Web Services
- GitHub Foundations – GitHub
- Salesforce AI Associate – Salesforce

Patents & Publications

- **Biometric Voting System Patent (Published)** – Biometric-based Voting System with Multi-layer Authentication; Application No: IN202541073801, Published: Aug 2025 (Journal No. 34/2025). Invented a secure biometric-driven voting system integrating multi-layer authentication to prevent voter impersonation and enhance electoral transparency.

Achievements

- Contributed to open-source projects globally (9+ repositories on GitHub) and enhanced public datasets/localization via SwechaAP (OSM, Wikipedia, Weblate).
- Competitive programming: 2 ★ rating in CodeChef contests.