B Suraj Patra

B.Tech CSE Student | Software Engineering & Full-Stack Development | Open-Source Contributor

2300031514cseelge@gmail.com | +91 8763232589 | Vijayawada, India

bsurajpatra.me | linkedin.com/in/bsurajpatra | github.com/bsurajpatra

Summary

An ambitious Computer Science student skilled in Java, C, SQL, and full-stack development. Proficient in Data Structures, OOP, and scalable applications, with open-source collaboration experience and strong emphasis on experiential learning. Quick learner, eager to master emerging technologies and deliver impactful solutions.

Skills

Technical

- C, Java, JavaScript, SQL; Data Structures, Algorithms, Object-Oriented Programming (OOP)
- MERN Stack (MongoDB, Express, React, Node.js), React Native; Git, Docker, CI/CD foundations

Non-Technical

- Problem Solving, Critical Thinking, Design Thinking, Strategic Vision
- Leadership, Collaboration, Agile/Scrum, Time Management, Public Speaking

Projects

KL Eats

- Campus food pre-ordering platform with mobile-first UI, real-time dynamic menus, secure Cashfree payments, finance tracker for team, comprehensive admin portal for vendors, and seamless order management.
- Tech Stack: Next.js 15, React 18, TypeScript, Tailwind, shadcn/ui, Node.js, Express, MySQL, Redis

FaceAttend

- Cross-platform face recognition attendance system with modular mobile client, backend API, and advanced FaceNet-based Python service ensuring secure and fast recognition.
- Tech Stack: React Native (Expo), TypeScript, Node.js, Express, MongoDB, Flask, facenet-pytorch, TensorFlow.js

SafeWebVerify

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

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

Certifications

MongoDB Associate Developer | AWS Cloud Practitioner | GitHub Foundations | Salesforce AI Associate

Patents & Publications

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 improve electoral transparency.

Achievements

- KL Eats successfully transitioned from a campus project to a registered private limited company unit under Equitech Labs, now live on campus with 3 vendors, demonstrating full-stack product execution and scalable deployment.
- Contributed to open-source projects globally (9+ repositories on GitHub) and enhanced public datasets/localization via SwechaAP (OSM, Wikipedia, Weblate).
- Competitive programming: 2-star rating in CodeChef contests.