B Suraj Patra

Student at KL University, B.Tech. in Computer Science and Engineering (Honors through Experiential Learning)
Specialization in Cross-Platform Development Frameworks

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Summary

Enthusiastic engineering student skilled in Java, C, Python, SQL, and full-stack development. Possesses intermediate knowledge of DSA, OOP, and building scalable web apps. Passionate about open-source, Linux administration, and crafting maintainable solutions. Proficient in debugging, database management, and Agile methodologies, with a strong commitment to continuous learning and collaboration.

Experience

Android Developer Intern – EduSkills Foundation
Remote Apr 2025 – Jun 2025
- Built modern Android apps using Kotlin, Android Studio, and Jetpack Compose, gaining experience in UI design and app architecture.

Networking Intern – Cisco Networking Academy
Remote May 2024 – Jul 2024
- Improved network performance through troubleshooting and simulation of real-world topologies in Packet Tracer

Open Data Intern – SwechaAP
Remote May 2024 – Jun 2024
- Enhanced public datasets and localization through contributions to OSM, Wikipedia, and Weblate translation projects

Education

Bachelor of Technology in Computer Science and Engineering
KLEF Deemed to be University **GPA: 9.38 / 10**
📅 2023–2027 — 📍 Vijayawada, Andhra Pradesh, India

Senior Secondary (Class 12) – Science Stream (MBiPC)
Sunabeda Public School — ISC **GPA: 8.50 / 10**
📅 2021–2023 — 📍 Sunabeda, Odisha, India

Secondary (Class 10)
Sunabeda Public School — ICSE **GPA: 9.35 / 10**
📅 2020–2021 — 📍 Sunabeda, Odisha, India

Skills

- C, Java, Python, SQL, HTML, CSS, JavaScript, Linux Administration, Git
- Intermediate Data Structures and Algorithms, MERN Stack, SVRM Stack, Graphic Design
- MS Office, LibreOffice, Agile and Scrum, Design Thinking, Generative AI Prompting
- Team Management, Public Speaking, Strategic Vision

Core Competencies

- **Programming Proficiency:** C, Java, Python, SQL, JavaScript
- **Problem-Solving Efficiency:** Strong analytical, debugging, and optimization skills
- **Professionalism & Adaptability:** Quick learner, adaptable, and team-oriented

Projects

SafeWebVerify
Developed a full-stack AI/ML-powered web application to detect phishing websites in real-time with 98% accuracy using React, Node.js, MongoDB, Flask, and scikit-learn.

KarmaSync
An agile task management tool built with the MERN stack, featuring a Kanban board, role-based assignments, and a personal daily To-Dos dashboard.

KL Eats
A campus food pre-ordering platform for students and staff that reduces wait times and ensures a smooth dining experience.

Personal Portfolio Website
A responsive React portfolio showcasing my projects and skills.

Certifications

- **MongoDB Associate Developer**
  MongoDB
- **AWS Cloud Practitioner**
  Amazon Web Services
- **GitHub Foundations**
  GitHub
- **Salesforce AI Associate**
  Salesforce
- **Cambridge English B2 First (FCE)**
  Cambridge University Press & Assessment
- **Build Your Own Gen AI Model**
  NxtWave
- **Fundamentals of Deep Learning**
  Nvidia Deep Learning Institute
- **Red Hat Linux Fundamentals**
  Red Hat Academy
- **Spring Framework**
  LearnQuest (via Coursera)

Developer Tools

VSCode, Eclipse, MySQL Workbench, GitHub, GitLab, Postman, Vercel, Linux CLI, MongoDB Compass, PgAdmin

Key Achievements

- Solved 550+ problems on LeetCode, 850+ on CodeChef, and 220+ on GeeksforGeeks, strengthening DSA and problem-solving skills.
- Led a team of 12 to develop a user-centric EV Trip Planner for optimized routing and charging infrastructure.