B SURAJ PATRA

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

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SUMMARY

Enthusiastic engineering student skilled in Java, C, Python, SQL, and full-stack development. Intermediate knowledge of data structures and algorithms (DSA), object-oriented programming (OOP), and building scalable web applications. Passionate about open-source contributions, Linux administration, and creating maintainable solutions. Proficient in debugging, database management, and Agile methodologies, with a strong commitment to continuous learning and effective collaboration.

EXPERIENCE

Networking Intern
Cisco Networking Academy

📅 05/2024 - 08/2024 📍 Remote

Virtual internship at Cisco Networking Academy to enhance networking skills.
- Gained hands-on experience in computer networking using Cisco Packet Tracer by designing network topologies, configuring routers and switches, and implementing IP addressing, subnetting, and routing protocols such as RIP and OSPF.

Open Data Intern
SwechaAP

📅 05/2024 - 06/2024 📍 Remote

Non-profit organization that promotes **free and open-source software (FOSS)**
- Worked on open-source data analytics & visualisation projects, contributing to real-world datasets, and collaborating with developers and researchers to improve data transparency and accessibility.

Data Science Intern
Teachnook

📅 08/2023 - 11/2023 📍 Remote

Teachnook is an ed-tech platform providing industry-focused training and internships.
- Gained hands-on experience in data science by performing data cleaning, exploratory data analysis (EDA), and visualization using Python, Pandas, NumPy, and Matplotlib. Analyzed real-world datasets, conducted statistical analysis, and communicated insights effectively to support data-driven decision making.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering
K L E F Deemed To Be University

GPA **9.51** / 10

📅 2023 - Present 📍 Vijayawada, Andhra Pradesh, India

Senior Secondary (Class 12) – Science Stream
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 & Algorithms (DSA), MERN stack, SRVM stack, Graphic Design

MS Office, Agile & Scrum, Design Thinking, Generative AI Prompt Engineering

Team Management, Public Speaking, Strategic Vision

STRENGTHS

💎 **Programming Proficiency**
C, Java, Python, SQL, JavaScript

💎 **Problem-Solving & Efficiency**
Strong analytical, debugging, and optimization skills.

💎 **Professionalism & Adaptability**
Adaptable, quick learner, and team-oriented.

LANGUAGES

English
Proficient ●●●●○

Hindi
Proficient ●●●●○

Odia
Native ●●●●●

PROJECTS

KL Eats
📅 2024 📍 KL Univeristy, Vijayawada, Andhra Pradesh, India

KL Eats is a seamless platform for students, faculty, and staff at KL University to pre-order food from any campus canteen. It simplifies ordering, minimizes wait times, and ensures a hassle-free dining experience.

Stu Buddies
📅 2024 📍 KL Univeristy, Vijayawada, Andhra Pradesh, India

An online social media platform for university students, built during my second-year MERN stack course to enhance collaboration and skill development, creating a 100% student-focused community for networking and knowledge sharing.

Personal Portfolio Website
📅 2025 📍 KL Univeristy, Vijayawada, Andhra Pradesh, India

Developed a sleek React-based portfolio to showcase projects and skills. Features smooth UI/UX, responsive design, and fast performance.

CERTIFICATION

MongoDB Certified Associate Developer
MongoDB

GitHub Foundations
GitHub

Salesforce Certified AI Associate
Salesforce

Fundamentals of Red Hat Enterprise Linux
Red Hat

AI for Students: Build Your Own Generative AI Model
NxtWave

Cambridge English Proficiency B2 Certified
Cambridge University Press & Assessment

Spring Framework
LearnQuest - Coursera

Google IT Support Professional
Google - Coursera

Meta Front End Developer
Meta - Coursera

Mastering AI Tools & Prompt Engineering
Be 10x

DEVELOPER TOOLS

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

KEY ACHIEVEMENT

💎 Solved 500+ problems on LeetCode, 800+ on CodeChef, and 200+ on GeeksforGeeks, enhancing DSA and problem-solving skills.

💎 Led a team of 12 to develop a user-centric EV Trip Planner for optimized routing and charging.