



SHRUTI PATHAK

☎ +91 8709987702 ✉ 2230121@kiit.ac.in sp.18pathak@gmail.com

in [LinkedIn](#) [GitHub](#) [Portfolio](#)

EDUCATION

KIIT DU – B.Tech in Electronics & Computer Science **8.08 CGPA**
D.A.V Public School, Ranchi, Jharkhand – 12th Science **88%**

RELEVANT COURSEWORK

- Data Structures
- Operating Systems
- DBMS
- Computer Networks
- Software Engineering
- OOPS

TECHNICAL SKILLS

Languages: C, C++, JavaScript,

Web: HTML, CSS, JavaScript (JS), Tailwind, React, Node.js, Flask, Express.js

Databases: MySQL

Tools: Git, GitHub, VS Code, Postman.

Libraries: LangChain, LlamaIndex, Hugging Face

EXPERIENCE

Keplay API Fellowship Program May 2025 – Jul 2025
Open Source Contributor — Top 0.99% (Final Round)

- Ranked in the top 168 of 18,000+ global participants; built an AI-powered Unit Test Generator for C++ with LLMs, YAML prompts, and GNU tools, boosting test coverage to 70%+.
- Developed a custom API server with CRUD endpoints, integrated database testing (reducing data latency by 30%), automated API testing in CI/CD pipelines via GitHub Actions (cutting manual QA efforts by 40%).
- Contributed open-source PRs and published insights on AI-driven testing.

PROJECTS

PDF QA App [GitHub](#) *FastAPI, LangChain*

- Built a PDF Q&A tool with FastAPI, LangChain, and LlamaIndex with 88%+ response accuracy.
- Processed PDFs using PyMuPDF with average query latency of 2s on 15-page docs.
- Designed a real-time React.js UI, improving engagement and reducing bounce rate by 25%.

CartMapper [GitHub](#) *React.js, Material-UI*

- Developed a smart product mapping tool with React.js and Material-UI.
- Integrated bilingual (EN/HI) voice search and QR scanning with 95% accuracy.
- Improved efficiency by 30% using reusable, modular components.

POSITIONS OF RESPONSIBILITY

Senior Executive, Public & Corporate Relations, KIIT E-Cell Jan 2025 – Present

- Led ORACLE at E-Summit 2025, onboarding 50+ startups and investors.
- Managed outreach and partnerships with 20+ organizations.

Tech Team Member, KIIT E-Cell Mar 2023 – Dec 2024

- Coordinated Smart India Hackathon 2024 with 70+ participants and 5+ mentors.
- Managed infra for Internship Camp 2023 with 500+ students and 25+ companies.

ACHIEVEMENTS

- Completed DSA course (Udemy, Abdul Bari)
- 3+ national hackathons incl. Smart India Hackathon
- Completed Agile Scrum by Infosys Springboard
- Participated in 5+ Model United Nations (MUNs) and chaired one session - BCCI (IIMUN)