VIPIN SAIN

Junior Technical Superintendent

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SUMMARY

Vipin Sain is a dedicated and results-oriented professional currently serving as a Junior Technical Superintendent in the Department of Computer Science and Engineering at The LNM Institute of Information Technology. He actively manages lab sessions, assists students with technical guidance, and supports institutional operations. With nearly two years of experience in backend development using FastAPI and cloud tools, he delivers secure, reliable systems with an Agile mindset.

EXPERIENCE

Junior Technical Superintendent

The LNMIIT Deemed To Be University

Mar 2025 – Ongoing Jaipur

- Assisted students in Computer Networks lab with OMNeT++ simulations, error debugging, and managed lab operations.
- Managed PPS (Programming for Problem Solving) lab during the summer term, helping with coding concepts and debugging.
- Handled institutional duties such as exam invigilation,lab exams support and technical workshop coordination.
- Managed student lab data like attendance, performance and records.
- Troubleshot hardware issues in real time to ensure smooth lab sessions.

Backend Developer

Solvyfi Pvt. Ltd.

Feb 2023 – Feb 2025 Jaipur

- Deployed FastAPI backends on AWS/GCP using ALB and S3, ensuring scalable and efficient infrastructure.
- Optimized database queries and business logic, reducing API response time from 2s to 600ms.
- Developed secure microservices with OAuth2, token authentication, encryption, rate limiting, and API Gateway.
- Collaborated in Agile sprints with frontend and DevOps teams, ensuring reliable APIs through Postman and Swagger testing.

Backend Developer Intern

Solvyfi Pvt. Ltd.

May 2022 – Aug 2022 Jaipur

- Development and Integration
- Collaboration and Documentation
- Environment Setup and Testing

EDUCATION

B.Tech., Computer Engineering with Specialization In Artificial Intelligence

Poornima University

2019 – 2023 Jaipur

12th – RBSE

Vidya Bharati Public School

2018 Sikar

10th – RBSE

Vidya Sagar School

2016 Jaipur

SKILLS

Python C Omnet++
MS Office Prompt-Driven Development

FastAPI REST
GCP AWS
MongoDB Firebase GIT
DNS Management

CERTIFICATIONS

- Microsoft Certified: AI-900
- Python 101 for Data Science
- Introduction to Machine Learning

PROJECTS

FastAPI-Beanie-Auth-Booking-System
FastAPI Beanie Pydantic MongoDB
REST JWT GIT

Personal-Finance-Tracker
Node.js Express.js REST MongoDB
JWT React GIT