



Mayur Jivani

Full Stack Developer

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📍 Paderborn, NRW

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📄 Summary

M.Sc. Computer Science student at Paderborn University and **full-stack developer** with **1.5 years of experience** shipping production systems end-to-end using **Node.js, Express, PostgreSQL, and React.js**. Seeking **Werkstudent** role in full-stack development.

📁 Experience

Aug 2024 – Sept 2025
Freelance Backend
Engineer

Self-Employed

Backend and integration work for education-sector clients in India.

- Built and deployed a Lead Management & CRM system for HiLearn Academy using **Node.js, Express.js** and **PostgreSQL**, automating lead acquisition via **Meta Leads Webhook**, call tracking, follow-up workflows, and enrollment pipelines.
- Integrated **LanguifyAI API** into Fly The Nest, enabling AI-powered interview preparation where students answer instructor-configured questions and receive automated AI-based feedback and scoring.

Feb 2024 – July 2024
Backend Intern

DeetsDigital, India

A software consultancy delivering custom web platforms and solutions for education and finance clients.

- Built and maintained a **Node.js/Express** backend for **Fly The Nest**, an online education platform serving **150+ students**, with **Zoom Video SDK** integration in **React.js** for virtual classrooms.
- Optimised **Python/Flask** underwriting APIs, achieving a **40% runtime reduction** through query tuning and caching, cutting operational costs.
- Implemented **OAuth 2.0** SSO with **Azure AD** and role-based access control, enabling permission-scoped **PowerBI** dashboard access across internal teams.

🎓 Education

Oct 2025 – Present
Paderborn, Germany

M.Sc. Computer Science

Paderborn University

July 2024
India

Bachelor of Technology in Computer Engineering

Pandit Deendayal Energy University

Equivalent: German grade 1.5 (sehr gut)

{ } Skills

Frontend

- React.js
- Next.js
- Tailwind CSS
- JavaScript
- TypeScript

Databases

- MongoDB
- MySQL
- PostgreSQL

Backend

- Node.js
- Express.js
- RESTful APIs
- Microservices
- WebSocket
- Redis

DevOps & Tools

- AWS (EC2, S3, CloudFront)
- Docker
- CI/CD
- Git
- Python
- Jest

Projects

Dec 2025

Qno - Quantum-Themed Uno Card Game

Course project under Prof. Dr. Yasemin Acar, Human Factors in Security and Privacy, Paderborn University.

- Built a web-based multiplayer card game using **React.js**, **Node.js**, and **WebSockets** to teach quantum computing concepts (quantum gates, superposition, entanglement).
- Designed a quantitative survey to measure whether gamified learning improves student understanding of quantum threats to cryptography.

Jan 2024

Chorus: A Music Guessing Game with Spotify Integration

- Developed a Wordle-inspired music guessing game integrating the Spotify Web API for artist-based personalized gameplay and the Spotify Web Playback SDK for in-browser audio streaming, with a responsive React.js frontend.

Languages

English

Fluent (C1)


German

Beginner (A1)

Enrolled in A2

Certificates

• [Advanced Express, 2024](#) 

• [Node.js Security, 2024](#) 

• [Node.js Microservices, 2024](#) 