

HARSHIT SHUKLA

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Summary

Full Stack Developer and Backend Engineer graduating 2026, with production experience building multi-tenant SaaS and business applications, secure REST APIs, and AI-powered systems. Proficient in React, Next.js, TypeScript, Node.js, FastAPI, PostgreSQL, and Docker, with hands-on experience building scalable applications, admin dashboards, payment integrations, and role-based systems.

Technical Skills

Languages: Python, TypeScript, JavaScript, C++

Backend: Node.js, Express.js, FastAPI, REST APIs, JWT, RBAC, Idempotent System Design

AI & LLM: Claude API, OpenRouter, Prompt Engineering, Agentic AI Pipelines, GenAI Integration

Databases: PostgreSQL, SQLAlchemy, MongoDB

Cloud & DevOps: Docker, AWS EC2, AWS RDS, GitHub Actions, CI/CD

Frontend: React.js, Next.js, TypeScript, Tailwind CSS

Education

Lovely Professional University, Phagwara

2022 – 2026

B.Tech in Computer Science Engineering

CGPA: 7.5 / 10.0

Experience

Pajasa Stay Solutions Pvt. Ltd.

Apr 2026 – Present

Associate Software Developer (Full-Time)

- Architected a multi-tenant SaaS backend for apartment booking, reservations, and billing across Host, Admin, and Client roles.
- Designed JWT-based authentication with role-based access control (RBAC) to enforce secure multi-role access.
- Engineered idempotent room-availability logic to eliminate double-booking conflicts under concurrent requests.
- Integrated a UPI payment gateway with dynamic QR codes and scaled backend infrastructure on AWS EC2 and RDS PostgreSQL.
- Delivered a responsive booking interface in React, TypeScript, and Tailwind CSS, tightly coupled to backend APIs.

Aaizel International Technologies Pvt Ltd

Nov 2025 – Feb 2026

Full Stack Web Developer Intern

- Delivered production web applications (aaizeltech.com, cyber-shieldpro.com) using Next.js, React.js, and TypeScript with SSR/SSG.
- Optimized performance, accessibility, and cross-browser compatibility across live production deployments.
- Integrated REST APIs across cross-functional teams to deliver end-to-end frontend solutions.

OBDSmart

Apr 2025 – Nov 2025

Full Stack Developer Intern (3rd Employee)

- Architected a React.js admin dashboard managing 1,000+ real-time diagnostic records.
- Engineered backend APIs for bulk Excel ingestion using Node.js, Express, and PostgreSQL.
- Automated environment provisioning via a GitHub Actions CI/CD pipeline, cutting setup time to ~5 minutes.
- Implemented API-level rate limiting to support scaling from 0 to 500+ users.

Projects

Homeland Investment – Wealth Management Platform

Jul 2026 – Aug 2026

React.js, TypeScript, FastAPI, Python, PostgreSQL, SQLAlchemy

- Architected a full-stack wealth management backend with role-based Admin/Client portals for portfolio tracking, investor onboarding, and document management.
- Migrated a production Java Spring Boot system to a modern FastAPI + React architecture while preserving business logic and database compatibility.
- Designed secure REST APIs with FastAPI, SQLAlchemy, PostgreSQL, JWT auth, and RBAC, powering interactive financial dashboards.

Job Outreach Agent

Apr 2026 – Jun 2026

Next.js, TypeScript, Anthropic Claude API, OpenRouter

- Engineered an agentic AI system automating end-to-end job outreach, from resume parsing to personalized email delivery.
- Built a GenAI pipeline combining Claude API prompt engineering with IMAP/SMTP automation.
- Integrated multi-provider LLM routing via OpenRouter for cost-efficient, resilient model selection.

Certifications & Achievements

- Full Stack Web Development & Complete DevOps — 100xDevs (2025)
- Active competitive programmer on Codeforces (Div 3 & 4, C++) — codeforces.com/profile/shukla.ji; solved 250+ DSA problems on LeetCode (Striver's A2Z)