

Hasnaat Malik

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SUMMARY

CS undergraduate specializing in backend and full-stack development using Rust, Django, and modern React frameworks. Built production software used by 50+ businesses and developed AI-powered systems through internships, projects, and hackathons.

EDUCATION

National University of Computer & Emerging Sciences (FAST NUCES)

Punjab, Pakistan

Bachelor of Science in Computer Science

Aug. 2022 – June 2026

– **Honors:** Dean's List of Honors (Fall '24)

WORK EXPERIENCE

Software Engineering Intern

Dec. 2025 – Feb. 2026

MyndEdge (MERN Stack)

Hybrid

- Improved health-tech UI responsiveness by 25% by implementing dynamic **React components** and modular state management for patient tracking dashboards.
- Reduced pre-production bugs by roughly 15% by developing automated REST API test suites in **Postman** and conducting rigorous peer code reviews.
- Increased team delivery velocity by streamlining **GitHub CI/CD workflows** and resolving technical blockers in daily agile sprints.

Intern

Aug. 2025 – Sept. 2025

Vision Wave

Remote

- Developed and maintained **RESTful APIs** using Django and Django REST Framework for handling CRUD operations and business logic.
- Boosted digital product visibility by 30% by designing technical marketing assets and analyzing platform-specific engagement analytics.

PROJECTS

FBR Invoicer

Rust, Tauri, React, SQLite

- Launched a desktop application currently utilized by **50+ businesses** for automated, FBR-compliant digital tax invoicing.
- Engineered an offline-first architecture with real-time QR generation and automated tax scenario detection, reducing user entry errors by 40%.

AskQanoon: Pakistani Law AI Assistant

Next.js 15, Gemini 2.5 Flash, Pinecone

- Developed a bilingual (English/Roman Urdu) RAG system providing legal answers with **95%+ citation accuracy** from the PPC and Constitution.
- Built a Compliance Matrix Agent to automatically identify regulatory conflicts between local laws and international standards like GDPR and CCPA.

RepoRevive – Automated Django Modernization

Python, AST, Dependency Graphs

- Created an AI multi-agent system to **automate legacy Django migrations** using AST parsing and cross-file dependency graph analysis.
- Coordinated multi-file logic upgrades and automated PR generation, significantly reducing manual refactoring time for large-scale repositories.

LEADERSHIP, HACKATHONS & ACTIVITIES

Competitive Hackathon Participant (2x)

Google Vertex AI Hackathon | Hashnode GraphQL API Hackathon

Symphonic Fast Music Club & Daira FAST Olympiad

Faisalabad, PK

Marketing Head & Media Head

- Directed marketing strategies and media teams to achieve record-breaking attendance for the largest campus-wide musical events and Olympiad.

TECHNICAL SKILLS

Languages: Python, C/C++, Rust, JavaScript, TypeScript, SQL

Frameworks: Next.js 15, React, Node.js, Django, LangChain, PyTorch, Tauri

Databases: MongoDB, PostgreSQL, Pinecone, SQLite

Tools: Git, Postman, Vercel, VS Code, JWT, Claude Code

CERTIFICATIONS

Harvard CS50x (2023) | Full-Stack Web Development Bootcamp