

HAFSA NOOR MUHAMMAD

SOFTWARE ENGINEER

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SKILLS

- Programming: Python, SQL, Java, C++, HTML/CSS
- Data & AI: Power BI, Kaggle, Machine Learning, NLP
- Frameworks: Django
- Soft Skills: Problem-Solving, Team Collaboration, Agile Practices

CERTIFICATIONS (Coursera | 2024)

- Google AI Essentials
- Google IT Automation with Python
- Google Digital Marketing & E-Commerce
- Google IT Support
- Google Advanced Data Analytics
- Google Project Management
- Google Business Intelligence
- Google Data Analytics
- Google UX Design
- Google Cybersecurity

PROFILE

Results-driven Software Engineering student with hands-on experience in full-stack development, data analysis, and AI/ML. Passionate about building scalable solutions, from financial tracking apps to NLP-powered tools. Certified in Google AI Essentials and Advanced Data Analytics, with a strong academic foundation in algorithms and databases.

TECHNICAL EXPERIENCE

UIT University, Karachi 2023 - PRESENT
Undergraduate Researcher & Developer

- Led a team to develop a University Chatbot using Python and NLP, reducing administrative query response time by 40%.
- Designed a Bank Management System (Java/SQL) to automate transactions, adopted by the CS department for academic use.

Freelance Projects 2024-PRESENT
Full-Stack Developer

- Built a Finance Tracker (Django/Python) with user authentication and expense analytics, deployed for 100+ beta users.
- Created an Online Retail Sales Dashboard (Power BI/Python) that improved data-driven decision-making for a mock client.

EDUCATION

Bachelor of Science in Software Engineering

UIT University, Karachi | Expected 2026

- Relevant Coursework: Data Structures, AI/ML, Databases, Web Development**
- Academic Projects:**
 - RISCV Datapath Simulation:** Designed a processor datapath in Java.
 - VoIP Networking:** Implemented Cisco-based voice communication protocols.
 - Explore more projects on [GitHub](#) and [LinkedIn](#)