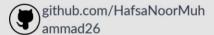
# HAFSA NOOR MUHAMMAD

SOFTWARE ENGINEER

#### CONTACT

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- Karachi Pakistan
- linkedin.com/in/hafsa-noormuhammad-67b96331



#### SKILLS

- Programming: Python, SQL,
  Java, C++, HTML/CSS
- Data & Al: Power Bl, 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

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#### **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 Undergraduate Researcher & Developer

2023 - PRESENT

- 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 <u>GitHub</u> and <u>LinkedIn</u>