

**Ahmed Raza**

**ahmedraza312682@gmail.com**

**03022011625**

**in/ahmvd**

**github.com/ahmed2402**

## **SUMMARY**

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Highly motivated and detail-oriented AI/ML enthusiast with hands-on experience in designing, developing, and deploying machine learning models and AI systems. Proven ability to build and deploy real-world AI/ML projects, including sentiment analysis tools and predictive models. Skilled in modern web technologies like Angular, along with strong Python proficiency for data-driven applications. Adept at problem-solving, fast learning, and collaborating within cross-functional teams.

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## **WORK EXPERIENCE**

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### **AI/ML Intern**

NCL - NED, Karachi

June 2025 - August 2025

- \*\*Developed\*\* multiple machine learning projects, including Customer Churn Prediction and Loan Approval Predictor, with a \*\*90%\*\* accuracy rate.
- \*\*Built\*\* and deployed NLP-based applications such as a Music Sentiment Analysis Tool and the Resume Analysis Hub.
- \*\*Applied\*\* techniques like feature engineering, model evaluation, and performance optimization across various datasets.
- \*\*Collaborated\*\* with cross-functional teams to integrate models into user-friendly interfaces and dashboards.

### **Development Intern**

CSIT Department - NED, Karachi

January 2025 - Present

- \*\*Improved\*\* user experience and optimized UI performance for internal platforms by \*\*30%\*\*.
  - \*\*Focused\*\* on front-end development using Angular and MySQL for dynamic and responsive interfaces.
  - \*\*Participated\*\* in code reviews, testing, and documentation to ensure high-quality deliverables.
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## **SELECTED PROJECTS**

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- \*\*Resume Analysis Hub AI-Powered Resume & JD Matching Tool\*\*: Built an AI-powered tool using NLP techniques to evaluate how well a resume matches a given job description.
  - \*\*Loan Prediction System\*\*: Developed a machine learning model to predict loan approval status based on applicant details.
  - \*\*AdminX Admin Dashboard Solution\*\*: Built a full-featured admin dashboard using Angular with CRUD operations for clients, employees, and projects.
  - \*\*SoilSense Smart Agriculture Web App\*\*: Built a smart agriculture platform using Angular to deliver soil health analysis through real-time data visualization.
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## CERTIFICATIONS

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- \*\*Certified Data Scientist\*\*: Peoples IT Program (PITP) 2025
  - \*\*Artificial Intelligence (Machine Learning; Deep Learning; Communication)\*\*: NAVTCC
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## SKILLS

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- Frontend Development: Angular, HTML, CSS, JavaScript, TypeScript, Tailwind CSS
  - Backend Development: Flask, MySQL
  - Data Science & Machine Learning: Python, NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn, PyCaret, OpenCV, Streamlit
  - Tools & Platforms: Git, GitHub
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## EDUCATION

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- \*\*Bachelor of Science in Computer Science and Information Technology\*\*: NED University Karachi  
3.93 GPA