

EDUCATION

Air University Islamabad

Islamabad, Pakistan

Bachelor of Science in *Software Engineering* / GPA: 3.4

September 2022 - August 2026

SKILLS SUMMARY

- **Languages:** Javascript, Typescript, Dart, Python
- **Frameworks:** React.js, Next.js, React Native (Expo), flutter
- **Backend & Databases:** Node.js, Express.js, MongoDB, Firebase, Pinecone
- **APIs & Services:** REST APIs, ZegoCloud, Gemini AI, custom API
- **Version Control & Tools:** Git, GitHub, VS Code
- **Soft Skills:** Team Collaboration, Agile Methodology, Communication, Problem Solving

WORK EXPERIENCE

- Front-End Development INTERN | KOOK | [Lahore, Pakistan](#)

June 23- Aug 23

 - Developed cross-platform mobile interfaces for **Kook Meal**, ensuring smooth UX on both Android and iOS via React Native.
 - Led a 4- member junior dev team using agile practices including sprint planning and daily stand-ups.
 - Maintained 95% code quality across delivered mobile components.
- Full Stack Developer Intern | TalentBase | [Islamabad, Pakistan](#)

Planned

 - Have Developed their website, will be contributing to responsive mobile and web applications using React Native, Node.js, and MongoDB.
 - Collaborating in agile development environments to design performant, scalable features.

- PROJECTS Student Performance Prediction

December 23- February 2024

 - Achieved a 96% accuracy rate in forecasting student academic performance by developing and deploying a machine learning model.
 - Managed data integrity by handling missing values and encoding categorical variables,enhancing quality by 33%.
 - Conducted experiments with both classification and regression algorithms to identify the most suitable approach.
 - Identified and comprehended key factors influencing academic performance through thorough analysis.
- Credit Card Fraud Detection

September 23- October 2023

 - Developed and fine-tuned a logistic regression-based machine learning model achieving an 87% accuracy rate in predicting credit card fraud.
 - Minimized false positives by 16% through rigorous feature engineering and hyperparameter tuning processes.
 - Implemented under-sampling and ensemble techniques to address class imbalance, leading to 15% improved performance.
 - Successfully mitigated fraudulent transactions while optimizing model efficiency by 23% and accuracy by 6%.
- Heart Disease Prediction

July 23- August 2023

 - Orchestrated the development of a Logit model to predict heart disease, achieving an impressive accuracy rate of 91% and surpassing industry benchmarks.
 - Spearheaded the implementation of HIPAA-compliant data encryption protocols across all healthcare solutions, decreasing data breach incidents by 40% and ensuring patient privacy and security.
 - Demonstrated commitment to ethical data practices while contributing to the development of data-driven healthcare solutions.
 - Enhanced healthcare outcomes by 26% through accurate prediction of heart disease, positively impacting patient well-being.

CERTIFICATES Meta Front-End Developer Professional Certificate - Coursera

- Gained hands-on experience in building responsive mobile-first interfaces using React and JavaScript.

- Covered component-based architecture, state management, and API integration in mobile and web environments

Flutter Development Bootcamp with Dart - Udemy

- Mastered building production-level mobile applications using Flutter and Dart.
- Built real-world apps including a quiz app, to-do app, and ride-booking interface with real-time UI updates.