

# ADEEBA MALIK

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## SUMMARY

Recent Electrical Engineering graduate with a growing passion for software development, AI, and data-driven technologies. Skilled in both hardware and software concepts, including IoT systems, frontend web development, and basic machine learning. Strong analytical thinker and problem solver, eager to contribute to innovative tech solutions in software or electrical engineering roles. Actively seeking full-time or internship opportunities to grow in a dynamic and collaborative environment.

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## TECHNICAL SKILLS

- Languages: HTML, CSS, JavaScript, C++(basics), Python (basics)
  - Concepts: Object-Oriented Programming, Machine Learning (basics), IoT Systems
  - Databases: SQL (basic), Firebase Realtime Database
  - Tools: VS Code, GitHub, MATLAB, AutoCAD, Proteus, Arduino
  - Platforms: Windows, Git
  - Cloud: Basic knowledge of Google Cloud and Microsoft Azure
  - Other: IoT Sensor Integration, Mobile App-Firebase Integration
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## EDUCATION

**BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING**

**SEP 2020-JUNE 2024**

international Islamic University, Islamabad || CGPA: 3.5

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## ACADEMIC PROJECTS

### Final Year Project – IoT-Assisted Aquaponics System (Solar-Powered)

- Developed a smart aquaponics system using solar energy and sensor-based IoT architecture.
- Controlled environmental parameters using a mobile app and Firebase backend.
- Promoted sustainable agriculture through technology.

### IPL Score Predictor using Machine Learning

- Designed a predictive model using Python and ML libraries to forecast cricket match scores.
- Gained hands-on experience with data preprocessing, model training, and accuracy evaluation.

### Internship – PTCL (H-9, Islamabad)

Gained hands-on experience with telecom infrastructure and network troubleshooting.

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## ACHEIVEMENTS AND CERTIFICATES

- Final Year Project selected for department-level exhibition
  - Responsive Website Development Certificate – freeCodeCamp
  - Completed online courses: JavaScript, Python (basics), Introduction to AI
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## STRENGTHS

- Quick learner and adaptive to new technologies
- Strong communication and teamwork skills
- Detail-oriented with a passion for solving real-world problems