HARIS ASHFAQ

Email: harisashfaq6411@gmail.com   Cell Phone: +92-316-8806411
LinkedIn: https: https://www.linkedin.com/in/haris-ashfaq-ahmad/   GitHub: https://github.com/Haris6411

EDUCATION

Bachelor of Science – Computer Science   **Feb, 2021 – Feb, 2025**

- Comsats University Islamabad, Pakistan

  FYP: Call Ethan with Conversational AI

Higher Secondary Education (FSC)   **April, 2017 – April, 2019**

- Peace Group of School and College, Mansehra

Matriculation (SSC)   **March, 2015 – March 2017**

- Peace Group of School and College, Abbottabad

INDUSTRY EXPERIENCE

Android App Developer at Einnovention, Pakistan   **May 2019 – Jan 2021**

- Completed a 6-month internship, leading to a full-time role.
- Developed and maintained Android apps, enhancing functionality and performance.
- Collaborated on new features and user experience improvements.
- Conducted testing, debugging, and assisted with documentation and code reviews.

RESEARCH EXPERIENCE

- **Research Projects**

Machine Learning Engineer on "Call Ethan with Conversational AI" Project

- Building an emotionally responsive conversational AI using NLP and machine learning.
- Integrated TTS using ElevenLabs and STT through DeepGram.
- Designing machine learning models to enhance user engagement and provide mental health support.
- Integrating 3D avatars using React Three Fiber and Three.js, along with voice management through the expo-av library.

PUBLICATIONS AND AWARDS

- Best Project in Final Year Project Competition at Department of ComputerScience at Comsats University, Islamabad

SKILLS

- **Languages:** Python, Dart, C, C++, Java, JavaScript, HTML, CSS, Bash, SQL, PowerShell.
- **Tools:** MS Excel, MS Word, MS PowerPoint, MS Visio, Visual Studio Code, Android Studio, Linux Distributions, Wireshark, Snort, Splunk, Burp Suite, Nmap, PyCharm, Git, GitHub, Notebook, Firebase, Node.js, MySQL.
- **Technical:** Network Security, Cryptography, Ethical Hacking, Penetration Testing, Secure Coding, Vulnerability Assessment, Threat Intelligence, Incident Response, Digital Forensics, Security Compliance, Software Development, Object-Oriented Programming (OOP), Data Structures & Algorithms, Mobile App Development, Database Management (SQL, NoSQL), API Design & Integration, Cloud Computing, Software Testing & Debugging, Machine Learning, Data Analysis, Agile Development, Problem-Solving, Team Collaboration, Technical Documentation.