



Mohamad Ajaz Imran

University Graduate Software Engineer


Valid UAE Dependency Visa & Drivers License

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SUMMARY

Results-driven Software Engineer with internship experience delivering performant mobile & web applications (Flutter, React) as well as track record of personal projects. Strong background in software engineering fundamentals (DSA, OOP, DBMS) and building with secure, scalable cloud-integrated services (AWS, Firebase). Adept at translating product goals into clean UI/UX and automation workflows. Seeking opportunities in software development and machine learning roles to leverage my skills and contribute to innovative projects.

EDUCATION

• Bachelor of Computer Science (Software Engineering)

Heriot Watt University, Dubai

2023-26

CGPA: 3.75/4.0

WORK EXPERIENCE

• Flutter Frontend Developer

Blinkr App

February – April 2026

Remote

- Optimized the front-end architecture for the social Q&A platform (Blinkr), implementing a grid-based UI layout that improved content discoverability and reduced app load times by streamlining asset delivery.
- Redesigned core social features, including the Leaderboard and Expert modules, utilizing user session tracking (Smartlook) to identify friction points and increase retention within the Blinkr ecosystem.

• Flutter & Next.js Developer

Intelligent.ai

June – August 2025

Remote

- Main contributor to the frontend development for an Intelligent AI Teeth Scanner application in flutter, focusing on intuitive user interface design and engaging animations.
- Streamlined deployment processes by implementing CI/CD pipelines with GitHub Actions for automated builds & unit testing, effectively reducing deployment time by 40%.
- Transformed design concepts into a functional admin panel by creating Figma mock-ups and its development using Next.js and a robust MVVC architecture, enhancing user experience and maintainability.

• Planning Intern

Apparel Group LLC / 6thStreet.com

June – August 2024

Dubai, AL Qouz

- Analyzed competitive UI of top retail apps, proposing actionable improvements to the store checkout page that targeted increased conversion rates.
- Automated data processing and reporting with VBA scripts in MS Excel, boosting team efficiency by 30% and reducing manual processing time by 2 hours/week.

• Software Engineering Intern

ITX 360 Ltd.

June – November 2022

Sri Lanka, Colombo

- Apprenticed under senior engineers to develop and integrate backend features for a high-traffic transport management platform (SpringBoot), enhancing data integrity and supporting 10,000+ daily transactions.
- Applied OOP principles and implemented core backend features using SpringBoot, improving system scalability.

RESEARCH

• Honours Dissertation: Accelerating Requirements Analysis – PURR

2026

Heriot-Watt University, Dubai

B.Sc. (Hons) Dissertation

- Developed a hybrid ML + LLM pipeline combining TF-IDF + Linear SVM routing, RoBERTa specialists for NFR sub-typing and ambiguity detection, and a Llama 3-based rewrite stage to produce clearer, testable requirements.
- Evaluated on a curated corpus of approximately 4,000 requirements; achieved weighted F1-scores in the low-80s across stages and reduced classifier-predicted ambiguity rate by 37 percentage points after automated rewrites.

PERSONAL PROJECTS

• Open-source Wordle Mobile game

Flutter, RiverPod, AWS Lambda, DynamoDB

- Engineered a Wordle-inspired mobile app using Flutter with RiverPod to ensure predictable state management.
- Implemented AWS DynamoDB and Lambda/API Gateway to deliver low-latency random word retrieval for all users on a daily basis, ensuring scalability with AWS Auto Scaling.

• WattHome: Smart Home & Energy Monitoring Application

Flutter, Firebase, MySQL, Jira, Git Tracking

- Built a smart home dashboard that leverages Flutter and Firebase for secure authentication and telemetry ingestion.
- Directed an eight-member team and oversaw SQL-backed data storage for a year-long academic project.

• UAE Tech Job Scraper

Python + Playwright, StreamLit, SQLite, ScrapingDog API

- Implemented Playwright-powered scrapers for 5+ job sites, extracted skills via keyword matching, persisted data in SQLite, and built a Streamlit dashboard that parses +1000 entries with charts and exportable to CSV

• AI-Powered Requirements Quality Assurance Pipeline

Python, Scikit-learn, RoBERTa, Llama 3

- Engineered a hybrid NLP system using Linear SVMs and fine-tuned RoBERTa Transformers to automate the classification of Non-Functional Requirements with 90% accuracy.
- Automated the detection of linguistic ambiguity in technical documentation, reducing manual review time by flagging vague quantifiers against international quality standards.

SKILLS AND INTERESTS

Languages: Python, HTML, CSS, JavaScript / TypeScript, Dart, Java

Frameworks & Tools: Flutter, React, Node.js, Docker, Git

Cloud & Databases: AWS, Firebase, MySQL, SQLite

Areas of Interest: Web/App Development, Cloud, DevOps, Machine Learning

Soft Skills: Problem-solving, Communication, Adaptability

HONORS AND COMMUNITY INVOLVEMENT

• Dean's List

Summer 2025

Recognition for achieving minimum six A's during an academic year

• Google Developer Group – Applications Developer Lead

2024-2026

Co-led campus GDG chapter; organised technical workshops, study sessions and mentorship programmes