

AMIR GHORBANI

GRADUATE SOFTWARE DEVELOPER

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[My Portfolio](#) | [My LinkedIn](#)

Work Rights: Post-Study Work Visa (Open, Full-Time)

STATEMENT

Graduate Software Developer with a Master of Computing and hands-on experience building responsive web applications, APIs, and data-driven systems. Skilled in React, JavaScript, Python, and SQL, with a strong interest in frontend engineering and scalable digital solutions. Experienced in collaborating within teams, debugging production issues, and delivering reliable user-focused applications. Passionate about continuous learning and contributing to impactful technology projects.

TECHNICAL SKILLS & TOOLS

Languages: JavaScript (ES6+), Python, SQL, HTML, CSS

Testing & QA: Currently learning testing practices (TDD basics)

Frameworks & Tools: React, Node.js, Express, REST APIs

Databases: PostgreSQL, MySQL

Tools: Git, GitHub

Other: Machine Learning, Computer Vision, Data Analysis

Currently Learning: TypeScript, Flutter basics, Next.js

PROJECTS

Master's Thesis – AI Hybrid YOLO-DETR Plant Disease Detection

- Built a hybrid computer vision model combining YOLO and DETR, improving detection accuracy compared to individual models
- Processed and curated 9,000+ images for training and evaluation
- Conducted model evaluation using performance metrics to optimise results

Football Match Performance Analysis (Database Project)

- Designed a relational database using a star schema to analyse team performance data
- Wrote SQL queries to extract insights across home and away matches

Cloud Computing Case Study – Airbnb Migration

Analysed Airbnb's cloud migration strategy, focusing on scalability and architecture decisions

IoT Weather Monitoring System

- Built a real-time data collection system using Raspberry Pi and Node-RED
- Designed a cloud-connected pipeline to store and process environmental data
- Developed a web dashboard to visualise live data for user interaction

PROFESSIONAL EXPERIENCE

Front-End Developer

Farapayam, Tehran, Iran | 2020-2023

- Developed responsive web applications using JavaScript, HTML, and CSS
- Translated UI/UX designs into functional components
- Integrated APIs to display dynamic data
- Debugged and resolved issues in production environments
- Collaborated with developers and designers in a team setting using Git

EDUCATION

Master of Computing – Unitec Institute of Technology, Auckland (2025)

Bachelor of Information Science – Allameh Tabatabaei University (2019)

ADDITIONAL WORK EXPERIENCE

Supervisor / Team Member – Kebab Station

Kumeū, Auckland | Aug 2023 – Present

Started as a team member and later took on some supervisor responsibilities while working alongside postgraduate studies, helping coordinate shifts and support day-to-day operations in a busy customer environment.

REFERENCE

References available upon request.