Allan Dashti

Address: Southampton
Phone: 07378262525

Email: alidashtiuk94@gmail.com
LinkedIn: LinkedIn GitHub Profile: GitHub

Professional Summary

Growth-oriented and collaborative Software Engineer with a solid academic background in Software Engineering and Artificial Intelligence. Experienced in full-stack and back-end development, with practical exposure to modern tools and frameworks. During my academic journey, I actively contributed to several team based projects, where I developed strong communication, problem solving, and collaboration skills, as I believe these factors are the key to individual and organizational growth.

Experience

Full Stack Developer *OMIDEX | MAR 2023 – DEC 2023*

- Collaborated with cross-functional teams to design and develop robust web applications using React.js,Node.js, HTML, and CSS.
- Enhanced back-end and front-end integration, gaining deep insight into secure data handling and   system interactions.
- Fostered a collaborative team environment by actively contributing to meetings, sprint planning, and feedback sessions.

Key Skills

- **Programming Languages:** Python, Java, JavaScript, React.js, Next.js, Node.js, React Native, Jest, Supertest.
- **Technologies:** Azure, Docker, SQLite, PostgreSQL, Firebase, GitHub.
- **Concepts:** OOP, REST APIs, CI/CD, Agile, Authentication, Event-driven architecture.

Projects

GeoGuide (Node.js, MongoDB, Docker, Azure)

Developed GeoGuide, a production-ready Node.js/Express web application using EJS and MongoDB; implemented JWT authentication, password hashing (bcrypt), and file uploads stored in Azure Blob Storage. Containerized the app with Docker and deployed securely behind nginx with Let's Encrypt; built a CI/CD pipeline that pushed to Azure container registry and updated the remote server. Added test coverage using Jest and Supertest, for robust unit, integration, and UI testing. GitHub Link

Street-Safer (React Native, Firebase)

Created a cross-platform mobile app to report road hazards with authentication, admin dashboards, and   push notifications. Used React Context for state management, built and deployed Android APK. GitHub Link

MyJourneyFootprint (Vue.js, REST API, PostgreSQL, Docker, Azure)

Full-stack app to estimate carbon footprint of journeys with authentication, journey logging, and educational content. Used Docker for containerisation, deployed to Azure with Swagger-documented APIs. GitHub Link

Hitastic Music Store (Java, NetBeans, MySQL)

Built a Java-based music store web app with user authentication, session management, and song catalog backed by MySQL. Implementation of shopping cart features. GitHub Link

Educations

Master's in AI for Engineering and Design University of Bath | Sep 2024 – Sep 2025

- Specialized in AI topics including machine learning, deep learning, IoT, digital twins, and process automation.
- Engaged in a comprehensive research project, applying advanced AI to address engineering challenges.Enhanced teamwork, communication, and research skills through collaborative and independent work.
- Enhanced teamwork, communication, and research skills through collaborative and independent work.

BSc in Software Engineering Southampton Solent university | Sep 2020 – Jul 2024

- Built a solid foundation in software design, data structures, algorithms, and object oriented programming, applying these principles to develop efficient and maintainable solutions. Gained practical experience with front-end and back-end frameworks, including React.js, Node.js, as well as RESTful API development and integration.
- Developed strong understanding of relational and non-relational databases, particularly PostgreSQL, SQLite, and MongoDB, focusing on database design, normalization, and performance optimization.
- Worked effectively in Agile development teams, engaging in sprint planning, code reviews, and collaborative problem-solving to deliver high-quality software.

Certifications & Training

Full Stack Developer, *CodeYourFuture , London | Jun 2022 – Sep 2023*

- Mastered modern web development technologies including JavaScript, React.js, HTML,   CSS,   and PostgreSQL.
- Built collaborative applications, enhancing both front-end and back-end development expertise.