

Allan Dashti

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Professional Summary

I am a self-disciplined person who loves problem solving and is passionate about continuous learning. I have successfully completed Bachelor (BSc) and Master (MSc) degree in software Engineering and AI field. During my academic time I have participated with dynamic team developing several projects which helped me built strong communication and collaboration skills, as I believe these factors are the key to individual and organizational growth. With hands on experience across software development and AI looking for opportunity to apply my skills, further enhance my knowledge, and contribute to meaningful projects that drive innovation and create real impact.

Experience

Full Stack Developer

OMIDEX, FINLAND (REMOTE) | MARCH 2023 – DECEMBER 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.
 - Improved technical and problem-solving skills through mentorship from senior developers.
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Projects

- Developed "My Journey Footprint", a web application to calculate carbon emissions based on travel, as part of an industrial consulting project. ([GitHub link](#))

- Built a stock price prediction tool leveraging machine learning algorithms and realtime data from Yahoo Finance. ([GitHub link](#))
 - Developed a mobile application “Street Safer” using React Native and Firebase that enables users to report potholes and receive notifications about existing road hazards, supporting safer streets and assisting local authorities with maintenance. Implemented GitHub for source control, learned React Native through self-study, and independently planned, broke down, and delivered the project on time. ([GitHub Link](#))
 - Currently Building “Traveller Guide”, a mobile application using React Native(TypeScript) and national crime datasets to help users assess the safety of different areas through an interactive heatmap. The app supports informed decisions about where to rent accommodation, travel, or visit. This project involves handling realworld data, implementing geolocation features, and designing an intuitive user interface focused on public safety and accessibility. ([GitHub Link](#))
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Education

Master's in Artificial Intelligence for Engineering and Design

University of Bath | September 2024 – Current

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

Bachelor of Science in Software Engineering

Southampton Solent university | September 2020 – 2024

- Built a solid foundation in software design, data structures, algorithms, and objectoriented 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.
- Applied software engineering principles such as modularity, scalability, and version control using Git and GitHub.

- Worked effectively in Agile development teams, engaging in sprint planning, code reviews, and collaborative problem-solving to deliver high-quality software.
- Strengthened skills in software testing, debugging, and documentation, ensuring code reliability and maintainability.

Foundation Year in Computing

Southampton Solent university | September 2019 – 2020

- Gained foundational knowledge in computer science with proficiency in Python, HTML, and CSS.

Key Skills

- **Programming Languages:** Python, Java, JavaScript, React.js, Next.js, Node.js
- **Technologies:** Azure, Docker, SQLite, PostgreSQL, Firebase, GitHub
- **Development Practices:** Agile, Waterfall, DevOps
- **Soft Skills:** Problem-Solving, Adaptability, Critical Thinking, Collaboration

Certifications & Training

Full Stack Developer

CodeYourFuture , London | June 2022 – September 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.