

NAVID HEJAZI

CONTACT

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PROFILE

Full Stack Developer with expertise across front-end and back-end development. Skilled in building scalable applications and integrating real-time systems. Certified in Azure AI-900 and AI-102, with a strong interest in AI, machine learning, and cloud computing. An adaptable team player, continually expanding skills to deliver innovative solutions in dynamic environments.

SKILLS

Technical Skills:

Front-End: JavaScript, React, HTML5, CSS3, Bootstrap

Back-End: Node.js/Express, Python/Flask, SQL, ORM (SQLAlchemy, Sequelize), Testing(Jest, Unit), WebSocket

Data Science & Analysis: EDA (Pandas, NumPy, SciPy), Data Visualization (Matplotlib, Seaborn, Tableau)

Machine Learning & Computer Vision: SciKit-learn, TensorFlow, Keras, OpenCV, YOLO

Cloud & DevOps: AWS (S3, EC2, RDS), Azure (AI-900, AI-102), CI/CD (GitHub Actions), Docker

Soft Skills:

Adaptability, Quick Learner, Problem-Solving, Time Management, Reliability, Conflict Resolution, Active Listening

EXPERIENCE

Full-Stack Developer, Tensator Group, Full-time, Milton Keynes, UK

02/2024 - Present

- Collaborated within a development team to deliver two market-released queue management products: a motorized gate system and a call-forward system, focusing on server-side architecture to streamline customer navigation and flow.
- Developed a Python-based application using Flask, SQLAlchemy, HTML5, CSS, and Bootstrap, enabling seamless system configuration and hardware integration to enhance operational efficiency.
- Designed and implemented WebSocket for real-time communication between software and hardware, ensuring instant feedback and reliable performance.
- Automated queue management for a motorized gate system using smart camera APIs to dynamically monitor and count individuals.
- Currently leading video frame analysis development for a call-forward system using OpenCV and Tiny-YOLO to detect and count individuals within designated zones, enabling fully automated queue management.

Junior Software Developer, Konica Minolta, Part-time, London, UK

02/2022 – 07/2022

- Completed Python programming course, focusing on code quality and unit testing.
- Utilized Flask to develop web applications, showcasing a strong grasp of its features for various functionalities, such as routing and templates.
- Gained fundamental knowledge in software development, including hands-on experience with Docker and familiarity with Kubernetes.
- Utilized Bitbucket for version control, ensuring efficient collaboration with colleagues.

IT Technical Support, Moshiran, Full-time, Sirjan, Iran

11/2017 – 12/2020

- Addressed and resolved network connectivity issues, including router configuration.
- Diagnosed and addressed hardware and software desktop issues.

EDUCATION

Full-Stack Bootcamp Graduate, Code Your Future, Full-time, London, UK

08/2022 - 12/2023

- Developed various web applications using JS, React, Node.js, and SQL, both independently and collaboratively.
- Participated in code reviews, providing constructive feedback to team members.
- Facilitated daily stand-ups and weekly retrospectives to ensure team alignment and improved performance for efficient project management.
- Implemented MVP principles, focusing on essential features for meeting project requirements and user needs within specified timelines.
- Applied Slack and Miro for seamless communication, collaboration, and efficient planning in team projects.
- Crafted Docker Compose for local setup and automated deployment via GitHub Actions.
- Employed AWS services (S3, RDS, EC2) to deploy and manage scalable and reliable applications.
- Implemented CI/CD using GitHub Actions to automate Continuous Integration and Deployment, enhancing the efficiency and reliability of AWS resource updates.

MS Computer Engineering, Software, with distinction, Iran, Islamic Azad University (2017)

Core modules: Advanced Programming - Data Structure - Machine Learning – Algorithm Design – Software Engineering.

Thesis topic: Activity recognition in smart homes with SVM.

BSc of Computer Engineering, Software, with distinction, Iran, Islamic Azad University (2012)

Thesis topic: Intrusion detection system in wireless sensor networks.

CERTIFICATES

Deep Learning with Keras and Tensorflow, IBM (via Coursera), Jan 2025

Azure AI Engineer Associate (AI-102), Microsoft Azure, Oct 2024

Data Analysis with Python, IBM (via Coursera), Jun 2024

Machine Learning with Python, IBM (via Coursera), May 2024

AWS Cloud Concepts, DataCamp, Jan 2022

VOLUNTEER EXPERIENCE

Shopping assistance, Wilen Hospice Clothes Shop, Part-time, Milton Keynes, UK

04/2022 –11/2022

- Assisted with cash transactions, pricing, tagging, and inventory management to support efficient store operations.
- Collaborated with a diverse team to maintain an organized and customer-friendly environment.

HOBBIES & INTERESTS

Sports: Football & Table Tennis

Interest: Iranian Traditional Music

LANGUAGE SKILLS

Persian (Native)

English (Proficient)