

Malek S. Byam

Software Engineer | Active Top Secret/SCI Clearance

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TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS

Front-End | DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit

Back-End | Django 4, PostgreSQL, MongoDB, FastAPI. CI/CD

System Design | Microservices, Domain-driven design, Message passing, Event sourcing, Monoliths

Developer Tools | Docker, Insomnia, Beekeeper, Git

EDUCATION

Tulsa Community College | Associate of Science Computer Information Systems September 2023 - Current

Hack Reactor | Advanced Software Engineering Immersive Program 2023 - 2024

Defense Language Institute | Diploma Pashto 2021 - 2023

United States Merchant Marine Academy | Marine Engineering 2010 - 2014

SOFTWARE ENGINEERING PROJECTS

Fullstack Software Developer | [CoOp CART](#) | Javascript, Python, FastAPI, PostgreSQL, React.

Fullstack application to streamline food requests, purchase tracking, and optimize ordering process

- Developed a full stack application in a four person development team utilizing Javascript, Python, FastAPI, PostgreSQL and React to streamline food requests, purchase tracking, and optimize the ordering process.
- Implemented RESTful APIs using Python to streamline inventory management processes in the application
- Enhanced user experience by optimizing and expanding a single-page application using React.js, allowing for easy addition of new features.

Fullstack Software Developer | [CarCar](#) | Django, React, Javascript, Python, HTML, CSS, Docker

Full-stack web application designed to manage all inventory, sales, and service needs for an auto dealership.

- Collaborated in a two-person development team to create a responsive application for a car dealership utilizing Django, React, JavaScript, Python, HTML, CSS, and Docker.
- Implemented optimized inventory management processes by streamlining procedures and developing efficient RESTful APIs using Python
- Optimized and expanded a single-page application using React.js, allowing for easy addition of new features

SELECTED PROFESSIONAL EXPERIENCE

Airborne Cryptologic Language Analyst | United States Air Force | TS Clearance 2021 - 2023

- Responsible for translating intelligence communication in Pashto
- Managed classified information with active TS/SCI clearance

Operations Officer | Securitas 2018 - 2020

- Supervised night security operations at industrial facilities and trained security staff on latest techniques
- Enforced various safety procedures including emergency response planning, PPE compliance, hazard identification and control, as well as safety training programs
- Demonstrated industry-specific knowledge and utilized customer service software to provide customer support, resulting in increased customer satisfaction, reduced response time, and improved issue resolution

LEADERSHIP

Drill Instructor and Squad Leader | United States Merchant Marine Academy 2013 - 2014

- Provided group leadership goal-oriented training guiding and motivating teams fostering culture of excellence

Eagle Scout | Boy Scouts 2006 - 2010

- Practical experience coordinating, planning, organizing, managing, funding, budgeting, and leading meetings