

YILIN BAO

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Summary

- Full-Stack Software Development | DevOp | Marine Corps Veteran | Secret Security Clearance
- Technical skills: JavaScript, Python, HTML, CSS, Bootstrap, React, Angular, Django, Node.js, PostgreSQL, OOP, Git, AWS, Visual Studio Code, RESTful APIs, Heroku, Firebase, RedHat OpenStack Platform, Kubernetes, Redhat Openshift Container Platform, HashiCorps Vault, Redhat Enterprise Linux, Podman, Jira, Confluence

Employment

Lockheed Martin, Remote

June 2022 - Current

Full-Stack Engineer Asc

- Provisioned and Maintained development environment/ VMs with the RedHat OpenStack platform to support the program's development activities.
- Performed server administration and troubleshooting on Linux-based systems.
- Responsible for implementing COTS software solutions across all stages of the systems development lifecycle: design, integration, implementation, and support.

Argo AI, Washington, DC

Aug. 2021 - Dec. 2021

Autonomous Vehicle System Test Specialist

- Performed on-site autonomous vehicle system testing, and monitored software performance from proprietary Graphical User Interface integrated with the autonomous vehicle system.
- Provided valuable feedback about system performance for software improvements.
- Carried out effective software troubleshooting actions by following technical manuals to ensure the autonomous vehicle system function properly.

United States Marine Corps, Camp Lejeune, NC

May 2017 - May 2021

Technician Team Lead & Automotive Mechanic:

- Led 5+ technician teams. Helped new technicians adapt to the working environment. Provided training, mentorship, and guidance to new technicians. Provided feedback to help new technicians quickly reach the expected performance levels.
- Conducted over 200 maintenance assignments with high-quality outputs. Carried out key functionalities to support the overall mission readiness and significantly helped increased overall productivity.

Inventory Manager & Data Entry Specialist:

- Significantly improved unit-level part receiving and distribution process efficiency. Accurately processed 1700+ parts (value over \$310,000) including database manipulations to achieve sufficient maintenance support.

Projects

Favoright

Full-stack web application that allows users to request and offer favors in their community.

Frontend (React, Heroku deployed):

- Utilized HTML, CSS, Bootstrap, and JavaScript to develop a dynamic user interface.
- Incorporated Google Maps Embed API for visual location display.

Backend (Django, Heroku deployed):

- Used PostgreSQL as the database for user data storage/source.
- Utilized Django Rest Framework to help accomplish serialization.
- Incorporated Yelp Fusion API for customized business search functionalities.
- Enabled user authentication features. Implemented data modeling to structure REST API in Django server.

Movie Rental Inventory Interface

- Built a terminal-based inventory management system with enabled checkout, return, and view inventory functionalities according to users' account type.
- Created by using Object-Oriented Programming (OOP) design principles.

Education

Johns Hopkins University (In-Progress)

Current

M.S Computer Science

Code Platoon - approved VA - VET TEC training provider

Jan. 2022 - May 2022

Full Stack Web Development Immersive.

American Military University

Fall 2019 - Fall 2021

B.A.S Technical Management & Project Management 2021

Project Management Using MS Project, Management Information System, Project Management for Business Analysts, Business Analytics

Credentials

- Certification of Secret Security Clearance
- AWS Certified Cloud Practitioner (Validation Number 3B1EM2TDHJE116CR)
- Certified SFAE 5 Practitioner (CERTIFICATE ID: 95802623-9865)