

SKILLS

Java, JavaScript, React, C++, Spring, MATLAB, HTML, CSS, Node.js, MySQL, MongoDB, jQuery, Bootstrap, Handlebars, Express, Jest, Heroku, Git, GitHub, NPM

EDUCATION

Bachelor of Science (B.S.) Robotics and Control Engineering | United States Naval Academy | 2018

Full-Stack Software Developer Bootcamp Certificate | Computer Software Engineering | University of Richmond | 2022

Java / Spring Backend Bootcamp Certificate | Computer Software Engineering | Southern Methodist University | 2022

PROJECTS

REST API Inventory Management Service | Full-Stack: Java, Spring, SQL, JPA, React Project Manager and Back End Lead (2 Person Team)

- TDD of a persistent REST API using Spring JPA. Implemented a service layer and controllers to mutate SQL database.
- Full unit testing completed with mocking. Implemented controller advice to handle exceptions.
- Exercised agile techniques / sprints to track application milestones and increase efficiency. Jira Kanban board utilized.

House Show | Full-Stack: MERN, GraphQL, Bootstrap, Faker, Git Project Manager and React Team Lead (4 Person Team)

- Developed a mobile first responsive Full-Stack booking application for hosts and music artists to play at small venues.
- Utilized MongoDB and GraphQL to develop a persistent database. Implemented Faker to seed backend data.

Stack OverEats | Full-Stack: JavaScript, Sequelize, Express, Node, CSS, Bootstrap, Handlebars, Heroku Project Manager and JavaScript Engineer (2 Person Team)

- A visually appealing Full-Stack Application for tracking caloric output and consumption with intuitive progress rings.
- Implemented Chart.js technology, a personalized API with user authorization, and custom CSS for light and dark mode.

PROFESSIONAL EXPERIENCE

2U | University of Richmond

2022 – Present

Teacher Assistant, *Full Stack Web Development Bootcamp*

- Led 12+ hours of instruction weekly for 50 students across the United States for 24-week cohorts.
- Progressed students from basic Object-Oriented programming, data structures and algorithms to Full Stack web applications implementing the MERN stack, SQL Databases and other common industry frameworks.

United States Navy | Various Locations

2018 – Present

Construction Manager, *United States Naval Academy*

- Organized and planned the development and support of multiple construction programs and projects totaling over \$50M for the United States Naval Academy
- Orchestrated operational planning, workplace safety, and regulatory compliance while managing contractors, troubleshooting issues, and communicating with stakeholders on project progress
- Coordinated pre-construction work with various trades to ensure commitment to schedule, scope, and duration; delivered complex projects on schedule and within budget

Company Commander, *Amphibious Construction Battalion II*

- Managed the operations, administration, training, and readiness requirements of a company of 70 personnel and operation and maintenance of 332 pieces of Civil Engineering Support equipment and tools valued at over \$51M
- Reestablished full operational capability of six cranes for the first time in 2+ years and executed the deployment of equipment to support exercises logistics overseas resulting in obtaining the Navy and Marine Corps Achievement Medal
- Directed the communications department and managed an \$8M gear inventory while ensuring the accountability of all SECRET equipment to enable successful support of mission requirements