

# NOEL J. CRUZ

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Portfolio: noeljcruz.com | GitHub: github.com/noeljcruz

## SUMMARY

Full Stack Web Developer with a background in Management and a passion for effective teamwork and learning/implementing new software technologies. Highly adaptable, leveraging military experience and resourcefulness to overcome challenging technical problems and develop comprehensive applications.

## TECHNICAL SKILLS

**Front-end Technologies:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, ReactJS, Redux

**Back-end Technologies:** Node.js, Express.js, Handlebars.js, Java, MySQL, MongoDB, Firebase, Docker

## EXPERIENCE

### **Assoc. Software Engineer**

2020 – Present

#### **L3Harris Technologies**

Chantilly, VA

- Mission Planning Tool (MPT) Team Lead for the Space Mission Integration program.
- Led a team of four engineers to build a web UI based off of the company's legacy MPT product. Managed sprint planning, tasking, and set objectives to develop new features.
- Created React components to render planning data and resource properties for space missions. Implemented Redux store to manage state and handle HTTP data requests to/from external API.
- Setup front-end routing to navigate smoothly across the application. Spearheaded integration efforts to incorporate additional projects as plugins for MPT, using Docker containers.

### **Lead Intelligence Analyst / Navigation Division Lead**

2015 – 2020

#### **U.S. Coast Guard**

San Pedro, CA / Charleston, SC

- Active TS/SCI Security Clearance. Experienced in handling sensitive information/data.
- Supervised 15 analysts in information collection, data analysis, and reporting in support of maritime law enforcement. Coordinated with over 50 interagency partners.
- Provided executive-level briefs to the Sector Command, detailing smuggling trends, threats to the port infrastructure, and counterterrorism awareness, to drive operational planning.

## PROJECTS

### **Toby Management** | [github.com/noeljcruz/toby-mgmt](https://github.com/noeljcruz/toby-mgmt) | [toby-mgmt.herokuapp.com](https://toby-mgmt.herokuapp.com)

- Full Stack H.R. platform for businesses to manage employee information. Incorporates user login, authentication, sessions, file upload, and database management.
- **Roles:** Front-end development, document/image upload feature (React Dropzone).
- **Technologies:** ReactJS, MySQL/Sequelize, Express.js, bcrypt, Passport, Amazon S3.

### **Rum Runner** | [github.com/noeljcruz/Rum-Runner](https://github.com/noeljcruz/Rum-Runner) | [piratetreasurehunter.herokuapp.com](https://piratetreasurehunter.herokuapp.com)

- Web based, pirate-themed game, built in JavaScript, using the Phaser.js game engine.
- **Roles:** Back-end development, file routing, version control, code conflict resolution.
- **Technologies:** Phaser.js, MySQL/Sequelize, Node.js, Express.js, Moment.js.

## EDUCATION

**Certificate – Full Stack Web Development:** UCLA Extension, Los Angeles, CA

2019

**Bachelor of Science – Management:** U.S. Coast Guard Academy, New London, CT

2015