Sebastian Favè

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SUMMARY

Full-stack developer bringing seven years of engineering rigor to build web applications founded on a modular code repository. Applied web development graduate from George Washington University, with experience leading three group projects, including one MERN stack application. Focused on product delivery through a user workflow centric design and build approach. Recognized as a dedicated team player for my dependability and organization. Driven by working in a team with open collaboration that fosters lasting connections and a mindset of growth.

TECHNICAL SKILLS

Languages: JavaScript, Python 3
Front End: HTML5, CSS3, JavaScript ES6+, jQuery, Bootstrap, React.js
Back End: Node.js, Express.js, REST API, GraphQL, Sequelize ORM, mongoose ODM, Handlebars
Tools: Git, GitHub, VS Code, node package manager, Heroku

WEB APPLICATION PROJECTS

Neighborhood Handyman: Team lead, back-end developer
https://github.com/spfave/neighborhood-handyman | https://neighborhood-handyman.herokuapp.com/
- Successfully lead team of 4 students to build a full stack MERN web app for users to post jobs and bid work proposals within their local community in two weeks
- Implemented user centric workflow design and build approach to keep front-end and back-end teams coordinated on progress to deliver testable app functionality and ease of code integration
- Lead developer for backend GraphQL API implementation for creating, querying, editing, and removing data

Hike and Trail Tracker: Team lead, back-end developer
https://github.com/spfave/hike-tracker | https://gwu-hiker-tracker.herokuapp.com/
- Successfully lead team of 4 students to deliver a full stack web app for hikers to record completed hikes and document trail information in two weeks
- Conducted code pull-request reviews with teammates providing constructive feedback for refactoring
- Lead developer for client-side view navigation routes and back-end API routes plus controller logic
- Implemented user authentication and route protection with passport.js using a local strategy

Tech Blog: Full stack developer
https://github.com/spfave/blog-site-mvc | https://spf-tech-blog.herokuapp.com/
- Full stack web app providing content management system (CMS) for a personal web blog
- Designed and built following model view controller (MVC) design pattern
- Application uses Handlebars templates for dynamic view rendering, Node.js and Express for server runtime and application framework, and sequelize ORM for database CRUD operations

WORK EXPERIENCE

Mechanical Engineer (Active DoD Secret Clearance)   2014 - Present
Naval Surface Warfare Center Carderock Division   Bethesda, MD
- Effectively managing two procurement task orders, a design analysis effort and response management on emerging craft issues leading to repeat work requests and sponsorship
- Technical analyst for three structural simulation efforts. Developed task initial planning documentation, and followed through with successful execution to deliver analysis objectives on schedule
- Quickly integrated into engineering management, analysis, and test teams to contribute to ongoing work efforts to include delivering on contact actions, initiate and complete structural simulations, and organize test instrumentation plans within six-month timeframes
- Concisely deliver work progress and technical implementation status updates to program customers at various executive levels through verbal and written communication building lasting customer relations

EDUCATION

Certificate Full Stack Web Development   July 2021
George Washington University, Washington, DC

Master of Science Aerospace Engineering   May 2014
Bachelor of Science Ocean and Aerospace Engineering   May 2012
Virginia Polytechnic Institute & State University, Blacksburg, VA