

ERIK HOVERSTEN

Software Engineer

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Tech Blog: <https://ehoversten.hashnode.dev/>

SUMMARY

Solution oriented Full Stack Web Developer and Electrical Engineer. Seeking to leverage my dynamic experience working in a fast-paced startup environment. Experienced collaborator on teams to develop software applications and rapid prototype hardware/software solutions. Looking to contribute to and grow with a team building innovative, state of the art products.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, HTML5, CSS3

Platforms: Node.js, Java EE, AWS Elastic Beanstalk, Kubernetes

Frameworks: ExpressJS, React, Java EE Servlets, JSP, Spring, Django, Flask

Databases: Relational & Non-Relational Databases, Sequelize.js, Mongoose.js

Methodologies: OOP, RESTful API development, GraphQL, MVC/MTV Architectures, Agile/SCRUM, HTTP Request/Response cycle, Test Driven Development (TDD)

SOFTWARE ENGINEERING EXPERIENCE

Software Engineer | Ecsazza | 2021 –2022

- Developed additional features and functionality to flagship product
- Developed unit testing functionality for new features
- Updating codebase to modern programming methodologies
- Testing and Debugging

Senior Software Tutor and Teaching Assistant | 2U - Trilogy Education Services | 2019 – Present

- Instructed Full Stack Web Development Bootcamp students in the MERN Tech-Stack (JavaScript, Mongo/SQL, Express, React and Node)
- Constructed review materials and coding demos for student review sessions to help students with the fundamentals of web programming with JavaScript and algorithms
- Provide one on one and group support for students during in-class activities, homework, projects, tutoring sessions, and understanding of concepts as related to Full Stack Web Development
- Prepare for and lead after class review sessions on a variety of topics as related to Full Stack Web Development

Product Engineer | Notion Theory | 2016 –2017

- Built web applications using Ruby on Rails, HTML5/CSS3, JavaScript and jQuery
- Designed, constructed and tested prototype virtual reality (VR/AR) products
- IoT hardware development and integration

EDUCATION & CERTIFICATIONS

Coding Dojo | Full Stack Web Development Bootcamp | July 2018

B.S. in Electrical Engineering | Michigan Technological University | May 2005

PROJECTS / PORTFOLIO

Quiz Game – Front-End JavaScript quiz game

Web application that tracks a user's question answers given a time limit. User score is calculated at end of game or time running out. User has choice to enter name and score in scoreboard which is persisted after end of game. User can also clear stored high scores.

Tech: JavaScript, HTML, CSS, Persisting data with Local Storage

Deployed Project: https://ehoversten.github.io/quiz_game/

GitHub: https://github.com/ehoversten/quiz_game

MERN YouTube Favorites – Full Stack React/Node/Express/MongoDB application w/ JWT Auth Full Stack Single Page Application utilizing authentication with JSON Web Tokens, React Hooks and ContextAPI that allows a User to sign up/in and search the YouTube Video API using a search term and the ability to save selected videos as favorites. Data saved to Mongo Atlas cloud database.

Tech: JavaScript, React, Node, Express, MongoDB Atlas, React Hooks, React ContextAPI, JWT Auth

Deployed Project: <https://quiet-temple-74649.herokuapp.com/>

GitHub: https://github.com/ehoversten/video_search_api

eCommerce Marketplace – React frontend single page application with a cloud-based Firebase/Firestore database utilizing login/password and register/sign-in Google Firebase authorization. Application allows users to register and sign-in to the shop. Registered users have ability to add/remove/delete items to their cart and checkout.

Tech: JavaScript, React, Firebase, Firestore Database, Firebase Authorization, React Hooks, React ContextAPI

Deployed Project: <https://papaya-strudel-687669.netlify.app/>

GitHub: <https://github.com/ehoversten/Marketplace>