

EDWARD VONSCHONDORF

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Equipped with an expansive career that transitions from the strategic precision of the U.S. Navy to pioneering automation at Tesla, I am now steering into the realm of full-stack web development. My foundational years in the U.S. Navy's forward-deployed fleet in Japan ingrained a deep-seated technical prowess and adaptability, further refined by spearheading sophisticated automation controls at Tesla. With roots as a web designer/developer, I've come full circle, fortified by UC Berkeley's Full Stack Web Development bootcamp. I offer a rich fusion of cross-industry experience, innovative thinking, and a revitalized passion for web technologies, poised to deliver impactful digital solutions.

TECHNICAL SKILLS

Frontend: HTML, CSS (Tailwind, Bootstrap, Bulma, Materialize, PostCSS), JavaScript, React.js, React Router, Redux, Material UI, Webpack, Vite, Babel, Progressive Web Applications, ESLint, Jest, jQuery, GraphQL Client, IndexedDB

Backend: Node.js, Express.js, Express Sessions, SQL, NoSQL, MySQL, MongoDB, Sequelize, Mongoose, JSON Web Tokens

DevOps: GitHub, GitHub Pages Deployment, Heroku Deployment, Cloudflare Pages Deployment, MongoDB Atlas

Tools: Insomnia, Postman, Apollo GraphQL Server, Figma, Visual Studio Code, MongoDB Compass, MySQL Workbench, Slack, Chrome Dev Tools

PROJECTS

Wedloc | [/wedloc](#) | wedloc-84c89e3ae29d.herokuapp.com/

- Developed a MERN stack application that enables wedding photographers to showcase their portfolio and create interactive event spaces for clients and guests.
- **Role:** Front-end Design, React Component Development
- **Tech Stack:** Figma, MongoDB, Express, React, Tailwind CSS, Material UI, Socket.io, Node.js, GraphQL, Heroku, Cloudinary, Stripe API

Task Titan | [/Task-Titan](#) | task-titan-bec51c55ebe5.herokuapp.com/

- Engineered a full-stack application that streamlines project management via task creation, updates, and completion, based on the MVC paradigm.
- **Role:** Front End Design and Development
- **Tech Stack:** Express, Sequelize, MySQL, Handlebars, Materialize CSS, bcrypt, day.js, Express Sessions, Dragula.js, Node.js

Loot Vault | [/Loot-Vault](#) | torvec.github.io/Loot-Vault/

- Built an application that aggregates video game deals via server-side APIs and enables users to save deals to local storage.
- **Role:** API integration, Front-End Design and Development
- **Tech Stack:** JavaScript, Bulma CSS, Day.js, RAWG API, CheapShark API, Gamepower Free Games API

MVC Tech Blog | [/m14_mvc_tech_blog](#) | obscure-badlands-14784-588733df30d2.herokuapp.com/

- Created a full-stack MVC-based blog application for users to publish and interact with tech-related content.
- **Role:** Full Stack Development
- **Tech Stack:** Express, Sequelize, MySQL, Handlebars, Materialize CSS, bcrypt, day.js, Express Sessions, Node.js

PROFESSIONAL EXPERIENCE

Automation Controls Technician IV Tesla Motors Inc.

SEP 2020 – Present
Fremont, CA

- Spearheaded complex engineering projects, leveraging multiple PLC programs for enhanced troubleshooting, system modification, and functional improvements that led to quicker recovery times during malfunctions.
- Established as the go-to expert for critical system failures, while also delivering in-depth training to team members, ensuring operational excellence in the management of automated systems.

Equipment Maintenance Technician II Tesla Motors Inc.

OCT 2019 – SEP 2020
Fremont, CA

- Rapidly mastered new automated storage systems to become the subject matter expert, troubleshooting and resolving hundreds of critical faults to maintain production continuity.
- Collaborated closely with engineering teams to commission new equipment, resulting in a 10% increase in storage capacity, while also identifying and mitigating recurring issues to improve system stability and productivity.

Electronics Technician United States Navy

DEC 2010 – OCT 2018
Japan / San Diego, CA

- Served as lead technician responsible for maintaining and troubleshooting mission-critical air traffic control radar systems, emphasizing skills in technical leadership and complex problem-solving.
- Oversaw two of the Navy's largest work centers, consistently passing material readiness inspections with scores of 90% or above, highlighting strong managerial and organizational skills.
- Adopted a multi-role approach to ensure departmental success, from expediting the procurement of high-value repair parts to managing the calibration of extensive electronic test equipment, demonstrating adaptability and resourcefulness.

Front End Developer & Designer Freelance

May 2005 – Dec 2010
Atlanta, GA

- Led end-to-end design and development of multiple websites, including small business and educational platforms using Photoshop for UI/UX design and semantic xHTML and CSS for layout and styling.
- Contracted with KaplanIT's marketing department to create promotional web content, while successfully meeting diverse client needs through customized web solutions.

EDUCATION AND TRAINING

Certificate, Full Stack Web Development Bootcamp – UC Berkeley

Berkeley, CA

Certificate, TIA Software Development Course – EandM

Fremont, CA

Certificates, Technical Training – United States Navy

- Recruit Training (Bootcamp) Great Lakes, IL
- Electronics Technician Apprentice Technical Training Great Lakes, IL
- Electronics Technician "A" School Great Lakes, IL
- Air Traffic Control RADAR Beacon Identification Friend or Foe MK XII System Norfolk, VA
- Interrogator System UPX-29 St. Inigoes, MD
- Single Channel Ground and Airborne Radio System SRC-54 Norfolk, VA
- Aircraft Instrument Landing System SPN-41 Pensacola, FL
- Air Traffic Control Radar System SPN-43C Pensacola, FL
- Aircraft Precision Approach Landing System SPN-35C Radar Pensacola, FL

Diploma, High School – Norcross High School

Norcross, GA