EDWARD VONSCHONDORF

edvonschondorf@gmail.com | Newark, CA 94560

linkedin.com/in/edward-vonschondorf/ | edward-vonschondorf.dev/ | github.com/Torvec

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   **SEP 2020 – Present**
Tesla Motors Inc.   **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   **OCT 2019 – SEP 2020**
Tesla Motors Inc.   **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   **DEC 2010 – OCT 2018**
United States Navy   **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   **May 2005 – Dec 2010**
Freelance   **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