# 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**](https://github.com/Torvec/wedloc) **|** [**wedloc-84c89e3ae29d.herokuapp.com/**](https://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**](https://github.com/Torvec/Task-Titan) **|** [**task-titan-bec51c55ebe5.herokuapp.com/**](https://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**](https://github.com/Torvec/Loot-Vault) **|** [**torvec.github.io/Loot-Vault/**](https://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**](https://github.com/Torvec/bootcamp-challenges/tree/main/m14_mvc_tech_blog) **|** [**obscure-badlands-14784-588733df30d2.herokuapp.com/**](https://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