EDWARD VONSCHONDORF

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Full-stack web developer with hands-on experience in building responsive, user-focused applications. Strong problem-solving skills and a passion for open-source technology, with a focus on delivering impactful digital solutions.

TECHNICAL SKILLS

Frontend: HTML, CSS (Tailwind, Bootstrap, Material UI), JavaScript, React.js, Jest, GraphQL, TypeScript

Backend: Node.js, Express.js, MySQL, MongoDB, Sequelize, Mongoose, Nextjs

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

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

PROJECTS

Next Level Loot | /next-level-loot| next-level-loot.vercel.app/

- Developed a more responsive version of Loot Vault using the latest Next.js and React, leveraging server-side rendering for improved performance. Optimized data-fetching response times, introduced advanced search functionality, and enabled users to save favorite deals locally for a better user experience.
- **Tech Stack:** Nextjs, React, Tailwind CSS, Shadcn/ui components, TypeScript

The Running Dog | /dog-runner-game | dog-runner-game.pages.dev/

- Designed and developed a side-scrolling action shooter game using HTML5 Canvas and vanilla JavaScript, creating an engaging interactive experience. Implemented animations, music, sound effects, and a dynamic scoring system, utilizing object-oriented programming to structure game mechanics and ensure maintainable code.
- **Tech Stack:** HTML, CSS, JavaScript

Wedloc | /wedloc | wedloc-84c89e3ae29d.herokuapp.com/

- Collaborated on a MERN stack application designed for wedding photographers to showcase portfolios and create interactive event spaces for clients and guests. Led front-end design and development, building responsive React components to deliver an engaging and user-friendly experience.
- **Tech Stack:** MongoDB, Express, React, Tailwind CSS, Material UI, Socket.io, Node.js, GraphQL

Task Titan | /Task-Titan | task-titan-bec51c55ebe5.herokuapp.com/

- Contributed to the development of a full-stack project management application by leading front-end design and implementation. Designed a responsive user interface and developed dynamic features to streamline task creation, updates, and completion, aligning with the MVC paradigm.
- **Tech Stack:** Express, Sequelize, MySQL, Handlebars, Materialize CSS, bcrypt, day.js, Express Sessions, Dragula.js, Node.js

MVC Tech Blog | /m14_mvc_tech_blog | obscure-badlands-14784-588733df30d2.herokuapp.com/

- Independently developed a full-stack MVC-based blog application that allows users to publish, edit, and engage with tech-related content. implemented a robust backend using Express.js and Sequelize, a dynamic user interface with Handlebars, and secure user authentication for an interactive and reliable experience.
- **Tech Stack:** Express, Sequelize, MySQL, Handlebars, Materialize CSS, bcrypt, day.js, Express Sessions, Node.js

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

- Collaborated with a team to design and develop an application that aggregates video game deals via third-party APIs. Led the implementation of responsive design and styling using CSS and contributed to features enabling users to save deals locally, enhancing functionality and user experience.
- **Tech Stack:** JavaScript, Bulma CSS, Day.js

PROFESSIONAL EXPERIENCE

Full Stack Web Developer - Freelance (Oct 2023 – Present)

- Leading the design, architecture, and development of multiple full-stack web and game development projects, continuously iterating to enhance functionality and user experience.

Automation Controls Technician IV - Tesla Motors Inc. (Sep 2020 – Jan 2024)

- Spearheaded complex engineering projects, leveraging multiple PLC programs for enhanced troubleshooting, system modification, and functional improvements that led to quicker recovery times during malfunctions.
- Delivered 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)

- Quickly became the subject matter expert on new automated storage systems by collaborating with engineering teams, resolving critical faults, and commissioning equipment to boost capacity by 10%.

Electronics Technician - United States Navy (Dec 2010 – Oct 2018)

- Maintained and troubleshot mission-critical air traffic control radar systems, emphasizing technical leadership and complex problem-solving.
- Oversaw multiple work centers, consistently passing material readiness inspections with scores above 90%.

Front-End Developer & Designer – Freelance (May 2005 – Dec 2010)

- Designed and developed websites for small businesses and educational platforms, focusing on semantic HTML, CSS, and responsive design.
- Contracted with Kaplan IT to create promotional web content, meeting diverse client needs through customized web solutions.

EDUCATION AND TRAINING

Certificate, Full Stack Web Development Bootcamp – UC Berkeley

Certificate, TIA Software Development Course – EandM

Certificates, Technical Training – United States Navy