Daniel Weninger

Software Engineer

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Work Experience

Software Developer
Vehikl   July 2024 – Present
- Full-stack development with Laravel, Vue, Sail, and MySQL, building scalable and maintainable web applications
- GraphQL expertise using Hasura and Apollo with React, optimizing data fetching and API interactions
- Collaborative team development, contributing to both backend and frontend solutions in a consultancy setting
- End-to-end problem-solving, handling everything from database design to UI implementation and API integration

Developer Intern
Trane Technologies   Nov 2020 – Aug 2023
- Developed and integrated production-level web applications using Angular and C#/.NET
- Streamlined national account bidding and ordering process using SharePoint, improving efficiency
- Implemented agile methodologies using Scrum, Jira, and team collaboration
- Nominated for award in outstanding service and commitment to customer satisfaction

Graduate Research Assistant
University of Wisconsin - La Crosse   Jan 2022 – May 2022
- Engineered efficient Python and C scripts for automated swarm research simulations
- Conducted and analyzed large quantities of data-driven simulations
- Presented regular research insights to professor

Projects

E-Commerce Website for Tabletop Games   Nov 2023 – Mar 2024
- Developed e-commerce platform using the MERN stack
- Implemented full-stack applications for administration and customer-facing browsing and ordering
- Incorporated advanced features such as user authentication and secure access authorization
- Employed Redux and responsive design

Master's Capstone Project   Sep 2022 - May 2023
- Developed PAMEx, an SELinux-like security policy compiler and tool suite using C, Lex, and Yacc
- Designed policy language and output format for the new security policy using Lex and Yacc
- Designed and developed the policy output interpreter, file labeler, PAM module, and oracle tool in C
- Followed agile programming methodology using Scrum framework
- Presented informational findings as a public lecture

Portfolio and Blog Website in Django | File Sharing web app in React and NodeJs | Media Shelving web app in Laravel and Vue | FrontDash food delivery web app | Color Clues board game web app | Minesweeper image recognition AI

Education

University of Wisconsin – La Crosse
Master of Science and Engineering in Software Engineering   May 2023
Bachelor of Science in Computer Science   May 2022 | GPA 3.68

Skills

Programming: PHP (Laravel), Python (Django), JavaScript (Vue, NodeJS, ExpressJS, jQuery), TypeScript (React), GraphQL, Hasura, Apollo, C#/.NET, SQL (MySQL, SQLite), MongoDB, HTML, CSS, C, Java, Godot
Software: Linux, GitHub, Cursor, Visual Studio Code, PHP Storm, Jira, Postman, SharePoint, Nintex, Wireshark, Docker