

Vegas Mantsch

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EDUCATION

University of Wisconsin - Green Bay, Green Bay, WI

May 2026

- Bachelor of Science Degree – Computer Science with Emphasis in Software Engineering

TECHNICAL SKILLS

Languages

- JavaScript (ES6+), HTML5, CSS3, C#, C++, Java, SQL, EJS

Tools & Technologies

- React, Node.js, Express, Vite, Google Maps API, Google Places API, Geolocation API, .NET, Git, GitHub, Microsoft Azure, Microsoft Entra, Okta, Azure API Management (APIM), Azure Functions, MySQL, Agile, REST, CI/CD, Responsive Design

Certifications

- Introduction to Playwright, Postman API Fundamentals, Microsoft Word, Microsoft Excel

WORK EXPERIENCE

IT Developer Intern - West Bend Insurance Company, West Bend, WI

May 2025 – Aug 2025

- Designed and implemented **.NET backend APIs** and **microservices** in **Azure Cloud** to improve scalability and reliability.
- Collaborated in **Agile sprints** to deliver modular, full stack features integrating backend systems.
- Developed and tested **RESTful services** using **Node.js** and **JavaScript** for secure data exchange.
- Automated **CI/CD pipelines** using **Azure DevOps** for consistent deployments and improved code quality.
- Participated in **code reviews** and **unit testing** to ensure maintainable, efficient codebases.
- Enhanced **database performance** by optimizing SQL queries and improving API response times for key web applications.

Software Engineering Intern - OConnor Wealth Management, Mequon, WI

May 2024 – Sept 2024

- Built and maintained responsive web applications using **JavaScript**, **HTML**, and **CSS**, focusing on accessibility and UI/UX.
- Integrated **RESTful APIs** and automated workflows with custom scripting, reducing manual workload by 20%.
- Enhanced **data handling** and front-end performance through optimized JavaScript and API caching.
- Collaborated on **code optimization** for faster load times and improved scalability.

SIDE PROJECTS

PickMyPlate

- Built a **full-stack web application** using **React**, **Vite**, **JavaScript**, and a **Node.js + Express** backend to deliver location-based restaurant recommendations.
- Integrated the **Google Maps API** and **Google Places API** to provide geolocation, dynamic map markers, and real-time restaurant data.
- Developed interactive filtering features using **JavaScript** and **React** state management, allowing users to sort restaurants by distance, price, and rating.
- Implemented a custom **random restaurant selection** tool and deployed the application using modern **CI/CD** and optimized production builds for fast performance.

Krypton

- **Designed and launched** a commercial-grade software tool serving **300+ users** and generating over **\$10,000 in revenue**.
- Built a **C++ desktop application** with efficient memory I/O operations, real-time data handling, and modular architecture for faster iteration.
- Developed a **web management dashboard** using **TypeScript**, **SQL**, and **EJS**, integrating secure authentication, data analytics, and RESTful APIs.
- Improved **data retrieval pipelines** and **API integration**, increasing developer efficiency by **25%** and reducing setup time by **50%**.