

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%.