

Peter M. Arachtingi

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SUMMARY

Full-stack software developer with 5+ years building production web applications and commercial SaaS platforms. Specializes in backend services in C# and SQL, Azure DevOps-based CI/CD workflows, and React-based front ends with real-time data visualization. Proven track record integrating proprietary hardware, APIs, and time-series data into polished, customer-facing applications. Experienced owning features end-to-end in Agile, client-driven environments, and distributed engineering teams.

EXPERIENCE

Freelance Web Developer

Self Employed

January 2026 - Present, Minneapolis

- Designed and developed responsive web applications and marketing websites for small businesses and personal clients using React, JavaScript, HTML, CSS, and Tailwind.
- Translated client needs into functional UI/UX designs, focusing on usability, mobile responsiveness, and clean visual structure.
- Deployed and maintained websites using modern hosting workflows, ensuring performance, reliability, and SEO-friendly structure.
- Utilized AI-assisted development tools (e.g., Claude AI, Cursor IDE) to accelerate prototyping, streamline debugging, and refine UI/UX for small business clients.
- Independently managed project scope, timelines, and delivery from initial requirements through production deployment.

Software Engineer

Altoway

August 2023 - January 2026, Bloomington, MN

- Built and scaled a commercial network-monitoring platform supporting dozens of customer deployments and radio networks ranging from tens to hundreds of devices per site, designing and implementing backend services in C# and SQL for API polling, telemetry ingestion, alerting, and TimescaleDB data models for high-volume time-series data.
- Used Azure DevOps for CI/CD pipelines and Jira for sprint planning and work tracking in an Agile environment, contributing across the full stack from backend services through UI.
- Leveraged AI-assisted tools (e.g., Claude AI) to optimize backend logic, enhance debugging workflows, and ensure scalable API integrations.
- Led the front-end modernization of the product, delivering a clean, intuitive, data-rich UI in React and JavaScript for engineers and customer technicians to monitor radio health and network performance.
- Developed real-time dashboards, interactive charts, and map-based visualizations to display live and historical telemetry.
- Designed and implemented secure API practices including input validation, authentication flows, and OWASP-aware backend development in C#.
- Collaborated in peer code reviews and iterative testing workflows within Azure DevOps to maintain production quality and deployment reliability.

Independent Web Developer (Freelance)

Self Employed

January 2021 - January 2023, Minneapolis MN

- Designed and built custom, responsive websites for small businesses and individuals using modern web technologies.
- Implemented full website delivery from design through deployment, including UI/UX, hosting configuration, and client handoff.
- Worked directly with clients to gather requirements, translate business needs into technical solutions, and deliver production-ready sites.

EDUCATION

Web Development Associate of Applied Science

Dunwoody • Minneapolis • 2021

SKILLS

Languages: C#, SQL, JavaScript, TypeScript, Python, HTML, CSS

Backend: REST APIs, API Integration, Background Services, Data Modeling, Telemetry & Metrics Ingestion, Time-Series Data Processing

Databases: TimescaleDB, PostgreSQL, PGAdmin, SQL Schema Design, Database Migrations

DevOps & Infrastructure: Azure, Azure DevOps (CI/CD), Docker, Nginx (streaming & routing), Service Configuration, Environment Management

Frontend: React, Tailwind CSS, Bootstrap, React-Bootstrap, Responsive UI Design, Data Visualization, Interactive Dashboards, Accessibility (WCAG)

Databases: TimescaleDB, PostgreSQL, PGAdmin, SQL Schema Design, Database Migrations

Tools & Workflow: Git, Slack, Jira, Agile/Scrum, CI/CD Concepts, Debugging & Performance Tuning

LLMs: Cursor IDE (AI-assisted full-stack development) Claude AI (debugging, refactoring, architecture assistance), vLLM

Testing: peer review, debugging, CI/CD workflows

Security: OWASP awareness, input validation, secure API integration
