

Aaron Tumbokon

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Summary

Software Engineer with experience building full-stack web applications using React, Next.js, Angular, TypeScript, ASP.NET Core, and SQL. Built automation and AI-enabled workflows using Claude AI, MCP, Python, and WordPress to reduce manual content work and improve operational efficiency. Experience across frontend development, backend APIs, deployment, and workflow automation.

Skills

- **Languages:** JavaScript, TypeScript, Python, C#, Java, PHP, HTML5, CSS3, SQL
- **Frontend:** React, Next.js, Angular, TailwindCSS, Material UI, Responsive Design
- **Backend:** .NET Core, Node.js, RESTful APIs, SignalR, MCP Integration
- **Databases:** MySQL, PostgreSQL, MongoDB, Supabase
- **Tools:** Git, GitHub, GitHub Actions, AWS EC2, AWS S3, Postman, VS Code, Wordpress, WP Engine
- **Methods:** Agile/Scrum, CI/CD, Object-Oriented Programming, Unit Testing

Experience

Utah Wildlife Specialists

Website Manager

Remote • Jun 2025 - Apr 2026

- Integrated Claude AI via MCP into WordPress to automate page generation, custom styling, and plugin development across multiple business locations, reducing manual effort and ensuring consistent branding.
- Managed web development projects with stakeholders to deliver customized websites that improved user experience and supported business growth.
- Built the Wyoming business website using Next.js and React, applying responsive design and performance optimizations to improve page load time and user engagement.

OpenQQuantify

Software Engineer Intern

Remote • Jan 2025 - Apr 2025

- Captured and processed satellite RF signals using GNU Radio Companion and converted raw data into waterfall visualizations for signal analysis.
- Updated an existing CesiumJS page by improving layout and visual design, resulting in a clearer map presentation for users.
- Contributed to frontend improvements using React to enhance site structure and visual consistency.

Brigham Young University - Idaho

VoIP Assistant Engineer

Rexburg, ID • Oct 2022 - Dec 2024

- Automated 200+ call flows and internal workflows using Cisco UCCX, reducing QA testing time by 40% and improving operational efficiency.
- Collaborated with cross-functional teams to troubleshoot and resolve 50+ monthly IT tickets while maintaining 99% system availability.
- Configured VoIP systems in Cisco CUCM, managed database-driven user accounts with MySQL, and optimized call routing to increase reliability and reduce dropped calls.

Projects

Car Inventory Management System

- Built a full-stack inventory management application with an ASP.NET Core Web API backend and Angular 19 frontend using Clean Architecture.
- Implemented JWT authentication and role-based access control, restricting delete operations to Admin users and protecting routes with Angular route guards and HTTP interceptors.
- Added real-time inventory updates with SignalR to push dashboard stats and vehicle/order events to connected clients after each write operation.

AI Newsletter

- Built an AI-powered newsletter pipeline using Claude Code and Python that turns a single topic prompt into a researched, brand-consistent HTML email draft.
- Designed a Workflows/Agents/Tools framework to separate AI reasoning from deterministic Python scripts for HTML rendering, image conversion, and recipient management.
- Integrated Gmail and Google Drive MCP APIs to host AI-generated infographics and create addressed Gmail drafts, eliminating manual steps between content creation and delivery.

Education

Bachelor of Science, Software Engineering

Brigham Young University - Idaho

Rexburg, ID