ANDREW BOYLE

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Full Stack Software Engineer

Freelance software engineer consultant with experience designing, building, and deploying full stack web applications

PROFESSIONAL EXPERIENCE

Software Engineer | CTO, SILO   June 2023 – Present

SILO is a web based GIS mapping tool for professional land surveyors.
- Collaborate directly with founder to specify product vision and leverage existing technologies for efficient bespoke solution development
- Currently building a full stack Redwood JS application with technologies including React, Node, GraphQL, MapBox GL JS, Auth0, Stripe, and Tailwind CSS
- Utilize GraphQL and PostgreSQL for role-based access control and user permissions within a relational database framework
- Manage dev team members, cultivating a collaborative environment and promoting continuous learning
- Connect and utilize existing software libraries to facilitate seamless data interchange between backend vector tile service and frontend user interactions

Software Engineer | Consultant, Syncline Software Solutions, LLC.   June 2020 - Present

Perform contract full stack software development for a variety of clients across a range of industries.
- Develop and deploy scalable full stack software solutions with a focus on RESTful API development and integration
- Leverage cloud technologies such as Vercel, AWS, Docker, and Kubernetes to design scalable applications in various industries.
- Practice Agile methodologies to manage and coordinate workflow across dynamic development teams, continuously adapting to evolving client priorities
- Analyze and visualize data using SQL, PostgreSQL, and various BI tools to derive actionable insights
- Collaborate directly with clients, managing multiple stakeholders and swiftly adapting to changing project needs

Shopify Developer | Digital Marketer, Mountain View Cycles   Mar 2019 - Dec 2021

Built a responsive e-commerce site for a local business in Hood River, OR.
- Worked directly with the business owner to create a detailed vision for the design and features of the site
- Incorporated Google Analytics, Google Tag Manager, and SEO best practices to drive traffic and increase business revenue

TECHNICAL SKILLS

Programming Languages:	C#, JavaScript, Typescript, SQL
Front-End:	React, .NET, Redwood JS, Shopify
Back-End:	GraphQL, Node JS, Express, Nest JS
Cloud Technologies:	Azure, AWS, Vercel, Netlify
Databases:	PostgreSQL, Relational Databases, Prisma and Sequelize (ORM's)
Version Control & Collaboration:	GitHub, Docker
API Development & Testing:	Postman, Beekeeper, Jest, React Testing, E2E & Unit Tests
Analytics & SEO:	BI tools, Metabase, MatLab, Google Analytics, Google Tag Manager
Techniques & Skills:	System Design, CI/CD, Object Oriented Programming (OOP), Restful APIs, OAuth

EDUCATION

Master of Music, University of Southern California   2014