ANDREW BOYLE

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Full Stack Software Engineer | Solutions Architect

Combining experience in software development, data analysis, and applied mathematics.

PROFESSIONAL EXPERIENCE

Software Developer | Solutions Architect | Consultant, Syncline Software Solutions, LLC.   June 2020

Perform contract software development, data analysis, automated QA testing, and digital marketing work with several clients across different industries, focusing on delivering value and finding technical solutions to business problems

- Clients include **Naish USA, Hood Tech Vision, Mountain View Cycles**, Impact Hood River, Brave Endeavors, Minerva Consultation, and others
- Develop unique strategies and action plans for each individual business, ranging from web development, application testing, web and data analytics, SEO, generative AI based content creation, and more
- Gather, visualize, and analyze data using **Metabase**, **Google Analytics, Google Tag Manager**, and other technical resources
- Work with each client to discover the story their data is telling them, and derive actionable insights using **BI tools**

Web Developer, Mountain View Cycles   2019 – 2022

Mountain View Cycles is an independent bike shop in Hood River, OR, specializing in high end bicycle sales.

- Developed a **React and Node** based marketing automation solution, **integrating OpenAI's GPT-3.5 API**, to increase marketing copy generation efficiency by 10x
- Architected, developed, and maintained a responsive e-commerce website, utilizing **Smartetailing** and optimizing **UI/UX** for enhanced user experience and increased sales conversions
- Streamlined and scheduled **social media** content for automated posting using **Buffer**
- Utilized **Google Analytics** for data-driven decision-making, optimizing SEO, boosting website traffic, and increasing revenue by 22% in 12 months
- Leveraged **SQL to perform complex queries on relational databases**, importing customer and product data, and extracting actionable business insights
- Mentored and supported fellow team members, fostering a culture of collaboration, knowledge-sharing, and continuous learning

TECHNICAL & ANALYTICAL SKILLS

Programming Languages:	**C#**, JavaScript, Typescript, **Python**, **SQL**
Front-End:	**React**, .NET, Wordpress
Back-End:	**GraphQL**, **Node.js**, Express
Machine Learning:	Numpy, SciKit, Pytorch, Tensor Flow
Databases:	PostgreSQL, Relational Databases**,** Prisma and Sequelize (ORM's)
Version Control & Collaboration:	**GitHub, Docker, Airbyte**
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, **Agile**, Object Oriented Programming (OOP)

EDUCATION

Applied Mathematics, Portland Community College   2020
Master of Music, University of Southern California   2014