

# David Alsabrook

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## EDUCATION

**Atlas School** | Tulsa, OK

**Sept. 2023 - May 2025**

*Diploma in Computer Science and Full Stack Development*

Hands-on curriculum focused on real-world projects and modern web technologies, including JavaScript, TypeScript, Python, React, and Node.js. Developed accessible, responsive web applications with seamless front-end and back-end integration, maintaining a 3.97 gpa.

## EXPERIENCE

**Software Developer I**, Open Lab Solutions, LLC | Tulsa, OK

**Mar. 2025 - Present**

- Developed and maintained the public-facing website for Open Lab Solutions' software suite, enhancing user onboarding and client engagement
- Implemented a user portal for existing customers to access the suite and submit support tickets, improving issue resolution efficiency
- Implement SEO strategies to boost visibility, resulting in higher search engine rankings and increased traffic

**Freelance Web Developer** | Tulsa, OK

**Jun. 2024 – Mar. 2025**

- Design and optimize user-friendly websites for small businesses, enhancing their online presence and improving customer engagement
- Collaborate with clients to understand their needs, ensuring the websites to showcase their services and products

**Business Manager**, K & K Brookside | Tulsa, OK

**Aug. 2013 – Oct. 2023**

- Streamlined business operations with data-driven strategies and implemented technology solutions, such as a point-of-sale and inventory management system to improve inventory tracking and reporting
- Supervised three teams totaling 25 employees, directing daily tasks and optimizing workflows to drive growth
- Developed marketing strategies and launched a website with targeted social media campaigns, increasing customer engagement, online visibility, and driving growth
- Drove annual sales from \$800K to \$1.7M with a sustained 30% profit margin by implementing a point-of-sale and inventory system to track product usage, identify shrinkage, and optimize cost management

## PROJECTS

**Rippl** Full Stack Dev. | Rippl.world | github.com/Frankblation/Rippl\_Capstone

**Mar. 2025**

*React Native, TypeScript, Tailwind, Python, Supabase*

- Developed full stack integrations to connect frontend components with backend services, retrieving and rendering user-specific data from Supabase using TypeScript and React Native for a seamless in-app experience
- Integrated a custom-built recommender system to personalize user content and match users based on shared interests
- Collaborated with a team of 5 to deliver a fully functional MVP in four weeks following Agile practices

**AI Curb Appeal** Full Stack Dev. | AICurbAppeal.com | github.com/DAlsabrook/ai-readme

**Oct. 2024**

*Next.js, CSS, HTML, Firebase-Auth, Storage, Database*

- Developing a user-friendly web app allowing users to redesign their home's exterior using AI
- Learned just how extensive Next.js's built-in capabilities are with SPA routing, caching, and API creation

**Synth Website** Front-end Dev. | TheSynthWebsite.com | github.com/natewood2/the-synth-website

**Aug. 2024**

*HTML, CSS, JavaScript, Three.js, Tone.*

- Modled and integrated 3d objects into a browser enviroment using a raycaster for 3d manipulation

**AirBnB Clone** Full Stack Dev. | github.com/Dalsabrook/atlas-AirBnB\_clone\_v4

**Apr. 2024**

*Python, CSS, HTML, Flask*

- Developed responsive front-end for user listings and bookings, Integrated back-end to handle data storage and dynamic content using Flask
- Learned how to implement a flask app with the power of the SQLAlchemy ORM

## SKILLS

**Front End:** React, React Native, Next.js, JavaScript, HTML, CSS, SASS Bootstrap, Tailwind, jQuery, Three.js

**Back End:** Typescript, Python, Node.js, SQL, MySQL, NoSQL, Redis, RESTful API, GraphQL, Express.js, Flask

**Testing:** Mocha, Chai, Postman

**Other:** AI Integration, Git, GitHub, Docker