

ALEXANDER SIERRA | FULL STACK SOFTWARE ENGINEER

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SKILLS

| ES6 | HTML5 | CSS3 | JavaScript | ReactJS | Redux | NodeJS | Mongo DB | PostgreSQL | Jest | React Testing Library | GraphQL | REST | Material UI | Google Apps Script | Figma |

PROFESSIONAL EXPERIENCE

09/2020 – present
Remote

Fiveable, Software Engineer III 

- | Next JS | ReactJS | Typescript | Node JS | GraphQL | REST | AI prompting |
- Created and iterated on Stripe payment platform resulting in \$1M in revenue
- Implemented and maintained framework for A/B testing via Amplitude
- Created and managed a CMS system for 200k+ practice questions through custom Google Apps Script extension
- Lead (from ideation through implementation) new features such as live notes and quizzes, which had adoption in 230k+ user sessions
- Leveraged AI pipelines using vellum.ai  and Anthropic to create 1400+ subjects and 76k+ pieces of content
- Created and maintained team knowledge base containing 130+ documents

01/2020 – 09/2020
Remote

Team Lead, BloomTech (formerly Lambda School)

- Lead team of 10-15 students using Agile methodology
- Provide live code reviews for 10-15 students and lead feedback sessions on code readability, reproducibility, and best practices
- Design supplemental projects to aid comprehension
- Lead standup meetings to build camaraderie, facilitate the sharing of ideas and work progress, and provide guidance for that week's study material
- Reinforce technical concepts by facilitating small group study sessions and 1:1 check-ins
- Lead supplemental lectures on web development fundamentals

EDUCATION

10/2019 – 07/2020
Remote

Lambda School, Full Stack Web Development

A 9-month computer science and software engineering program that provides an immersive hands-on curriculum with a focus on computer science and full-stack web development.

08/2010 – 12/2015
Orlando, FL

University of Central Florida, B.S. Health Sciences

Coursework in medical terminology, biology, chemistry, anatomy and physiology