

# Sebastian Vivas

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## Work Experience

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### American Family Insurance

Boston, MA

Software Engineer

Jun '20 - Dec '23

- Developed and maintained two digital sales platforms using React, Redux, TypeScript, MUI5, Node, Express, SQL to allow flexibility and scalability for multiple partners (Geico, Costco, Zillow, Progressive) and products (Agent, Home, Renters, Bundle, and Auto).
- Refactored legacy JavaScript codebase to TypeScript and integrated it into the company's flagship application, adding new partner experiences and delivering a new product launch 2 months ahead of schedule.
- Led the successful migration of legacy analytics architecture to Google Analytics 4, resulting in a 30% increase in data accuracy and improved insights for business decision-making.
- Implemented experimental designs and features by utilizing A/B testing tools (Optimizely JavaScript SDK) to conduct large-scale experiments for landing, product flow, checkout, and purchase pages.
- Successfully delivered and integrated the company's first virtual quote assistant using React, TypeScript, Node, AWS as part of a Discovery Labs initiative, increasing customer quote creation by 15%.
- Built frontend, microservices, and integrated third-party API services with token-based authentication into the company's first OCR application using React, Java, Spring Boot, noSQL, and AWS.
- Contributed to internal React infrastructure in collaboration with the User Experience design and marketing team to ensure fidelity between branding, production, and Figma library.

### Correlation One

New York, NY

Teaching Assistant, Web Development

Jun '23 - Nov '23

- Led strategic upskilling partnership with Amazon to deliver personalized full stack web development training.
- Provided comprehensive technical mentorship through one-on-one coaching sessions and structured office hours, equipping students with industry-relevant skills for roles at Amazon.

### Stack Education

Boston, MA

Teaching Assistant, Web Development

Sep '20 - Apr '21

- Led full stack web development instruction at Framingham State University through virtual classroom lectures, individualized student mentoring, and dedicated office hours.

### Manhattan Youth

New York, NY, USA

Lead Teacher, Computer Programming

Dec '24 - Present

- Design and deliver comprehensive curriculum in HTML, CSS, JavaScript, and Python for middle school students, fostering technical literacy and problem-solving skills.

### Hack.Diversity

New York, NY

Mentor

Jan '24 - Present

- Provide strategic career mentorship to graduating computer science students through personalized bi-weekly coaching sessions, resulting in successful internship placements at leading technology companies.

## Skills

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Javascript · React · TypeScript · Redux · GraphQL · Node · Express · Java · Spring Boot · Python · HTML · CSS · SQL · PostgreSQL · NoSQL · MongoDB · AWS · A/B Testing · Optimizely · CI/CD · Git · GitLab · Unit Testing · Analytics Integration · Google Analytics 4 · Application Monitoring · Datadog · Agile