Calvin Goah

Location: New York, NY
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https://github.com/CalgoDex

Education

Columbia University, New York, NY – *Bachelors of Science in Computer Science (AI Concentration)*

Technical Skills

Languages: TypeScript, JavaScript, Python, Java, PHP, HTML, CSS, SQL, PostgreSQL, C, C++, Elixir, C#, yaml, LATEX
Technologies: ReactTS, ReactJS, NodeJS, React Native, Amazon Web Services (AWS), OpenAI API, Azure, Git, Scikit-Learn, Linux, Objection ORM, Keras, Praat, Tensorflow, PyTorch, Kubernetes, Datadog, Sumo Logic, Bugsnag

Work Experience

July 2021 - PRESENT
IXL Learning/Teachers Pay Teachers, Remote – *Senior Software Engineer*
Promotions: Software Engineer II => Software Engineer III => Senior Software Engineer

- Saved company over $400k by building custom feature flagging to hide non-compliant features from users
- Led project to revamp entire product details page on teacherspayteachers.com affecting millions of users
- Built sales landing page that resulted in cheaper customer acquisition for IXL's Teachers Pay Teachers brand
- Built fully tested micro-services utilizing GraphQL, Node, Objection ORM, React Typescript, and Jest RTL for testing
- Protected millions of users with site-wide virus scanning in PHP that integrates with Datadog for on-call monitoring
- Debugged local dev work using logs on Kubernetes pods and terminal output from local services
- Built fully tested, responsive front-end components for various IXL product offerings in React Typescript
- Wrote backend and frontend design and discovery docs needed for new feature implementation

January 2020 - July 2021
Fidelity Investments, Remote – *Cloud Engineer*
Promotions: Associate Software Engineer => Cloud Engineer

- Automated Azure Cloud services for internal engineering teams
- Set up Virtual Machines, Azure Functions, Step Functions, Vnet and subnets, ARM templates, and Kubernetes
- Assisted internal teams in migrating their on-premise services to Azure cloud
- Oversaw summer intern project dealing with Azure Bot Service using VueJS

June 2019 - December 2019
International Justice Mission (IJM), Washington, D.C – *Data Analyst*
Promotions: Data Analyst Intern => Data Analyst

- Compiled mock datasets via Python scripts for product demos to company executives
- Used Salesforce Agile Accelerator for various forms of report generation and assessment

Other Experience

February 2023 - PRESENT
THRIVEfunds (non-profit), Remote – *Board Member (Volunteer)*

- Provide tech and marketing expertise to the board
- Advised the company on selecting the right tech vendor for Bubble.io development
- Vote on important decisions needed to reach more donors & families

October 2020 - October 2024
Rivrb (AI Fact-checker) - Startup, Remote – *Founder*

- Raised over $70K via friends & family round to fund the venture
- Managed 4 engineers, 1 financial analyst, 3 founding team members, and 4 advisory board members
- Got the company accepted into Columbia Startup Lab, Zane Access Capital, AWS Activate, & NVIDIA Inception
- Launched AI web, iOS mobile, and Chrome extension apps to help the company find its product-market fit
- Coded, oversaw social media & market research, & led fundraising strategies

Soft Skills & Awards

Soft Skills: Great communicator, adaptable, gritty, creative, team player, hard-working, high emotional intelligence
Awards: 2015 Questbridge National College Match Scholar - 3% acceptance rate, full ride to Columbia University