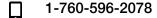
Cory Kane

Software Developer

CONTACT



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Tempe, AZ

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corykane.dev

SKILLS

- Distributed Systems
- DynamoDB
- AWS Lambda/API Gateway
- CloudWatch
- CloudFormation
- Kafka
- Typescript/Javascript
- Node/Express
- MongoDB
- React/Redux
- Python/Flask
- Ruby on Rails
- PostgresQL
- Heroku/Render/Netlify

EDUCATION

No Degree

Victor Valley College Victorville, CA 2010

High School Diploma Sultana High Victorville, CA 2009

WORK EXPERIENCE

SOFTWARE DEVELOPER/SR. TECHNICAL INSTRUCTOR App Academy – Remote - 2017 - Present

A premier programming bootcamp that teaches **React on Rails, React with Flask, AWS**, and the **MERN** stack.

- Automated data scraping from internal web apps using Puppeteer, improving efficiency in tracking student performance.
- Streamlined Salesforce workflows with JSForce, automating note-taking and doubling instructor capacity for student caseloads.
- Built a script with Google APIs to automate appointment scheduling through Google Calendar, enabling instructors to manage 10% more students.
- Developed and delivered lectures, apps, and instructional videos on the MERN stack, contributing to students' technical skill development.
- Created curriculum for computer science, data structures, and algorithms, & scalability reducing average student placement time from 5.5 to 3.5 months.
- Instructed students in JavaScript, Python, Flask, React/ Redux, Express/Node, as well as HTML & CSS best practices and led teams through project cycles.

PROJECTS

WROTE-IT

Professional Project 2024

LIVE | GH

A Reddit-style web app built, using the **DLRN** (**DynamoDB Lambda React Node**) stack, for teaching at App Academy.

- Designed and implemented a serverless architecture using AWS Lambda, DynamoDB, and API Gateway, focusing on scalability and high availability.
- Utilized DynamoDB Streams for background data processing and updates regarding upvotes and reply counts, enhancing the responsiveness of the application.
- Employed best practices for cloud architecture, including serverless deployment through CloudFormation, caching strategies with Redis, and proper database sharding with DynamoDB to avoid scatter-gather & optimize performance.
- Incorporated AWS services such as CloudWatch and IAM for monitoring and security, demonstrating comprehensive knowledge of the AWS ecosystem.