CORY KANE
SENIOR SOFTWARE ENGINEER

ckane30691@gmail.com | 760-596-2078 | LinkedIn | Github | Portfolio | Tempe, AZ

Senior Full-Stack Engineer with 8 years of experience designing, building, and scaling web applications in JavaScript, React, Node.js, and AWS. Proven success architecting serverless systems on Lambda and DynamoDB, optimizing data models for high throughput, and mentoring engineers to improve code quality. Passionate about distributed systems, backend performance, and building reliable products that scale gracefully.

Technical Skills: Distributed Systems **|** DynamoDB **|** AWS Lambda **|** AWS API Gateway **|** CloudWatch **|** CloudFormation **|** Kafka **|** JavaScript **|** Node **|** Express **|** MongoDB **|** React **|** Redux **|** Python **|** Flask **|** Ruby on Rails **|** PostgreSQL **|** Heroku/Render/Netlify

WORK EXPERIENCE

APP ACADEMY **|** *Software Engineer* **|** Remote   **Jan 2018 – Present**
- Engineered automation scripts using Puppeteer and JSForce to streamline internal Salesforce and web workflows, reducing manual data entry and doubling instructor throughput.
- Developed Node.js and Google Calendar API integrations that automated scheduling logistics, enabling instructors to manage 10% more students without increasing workload.
- Built and maintained full-stack applications for App Academy's core curriculum, demonstrating scalable patterns in React, Node, and MongoDB.
- Authored & implemented new curriculum modules on computer science fundamentals, data structures, algorithms, and large-scale system design - reducing average student placement time from 5.5 to 3.5 months.
- Mentored junior developers and led technical sessions covering JavaScript, Python, Flask, React/Redux, and backend architecture best practices.

Taylor Agency | *Freelance Developer* **|** Victorville, CA   **Jan 2017 – Dec 2017**
- Designed and developed a marketing website using React and Node.js, integrating dynamic content management for non-technical users.
- Optimized frontend performance, improving load times by over 40% through code splitting and asset compression.

PROFESSIONAL PROJECTS

WROTE-IT | DynamoDB **|** Lambda **|** React **|** Node **|** Serverless **|** CloudWatch **|** IAM   **GitHub | Live**
A Serverless Reddit-style web app | Simulated 10K concurrent users with Artillery, achieving sub-200ms average latency.
- 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.
- Managed deployment via Serverless and integrated CloudWatch for logging, monitoring, and alerting.
- Configured IAM policies to enforce least-privilege access and secure API endpoints.

EDUCATION

App Academy | Full Stack Web Development   **Completed Oct 2017**
- Selective program (<3% acceptance rate) focused on full-stack engineering, algorithms, and production-grade software development.

Victor Valley College | General Studies (*No Degree*) **|** Victorville, CA   **2010 – 2011**