KYLE BROOKS

📍 Hickory, NC   📞 864-360-5512   🌐 My Website

SUMMARY

Highly effective software developer with nearly a decade of real world experience working full-stack with enterprise-level cloud solutions. A valuable team player and an effective communicator. Eager to learn new technologies and pursue best practices in all areas of the software development process.

TECHNICAL SKILLS

- Languages: Typescript | Javascript | Python | Java

- Frameworks: Node | Next.js | Serverless | React | Angular | Svelte

- DevOps: Gitlab CI | Terraform | Jenkins | Docker

- Databases: RDS | MongoDB | DynamoDB

- Cloud:

    - AWS: Lambda | SQS | S3 | Step Functions | Route53 | DAX | Kinesis | API Gateway | EventBridge | CloudWatch

    - Apigee

EXPERIENCE

SENIOR SOFTWARE ENGINEER, ALLY; REMOTE – APR 2021 - JAN 2025

- Completely redesigned and implemented the flow that handles triggering over 1.2 million customer notifications daily to improve performance, tracking, and availability - all while reducing overall cost and reliance on third party vendors

- Implemented a multi region routing strategy to eliminate down time during region outages and reduce the occurrence of dropped notifications

- Led the transition from a monorepo structure to multi-repo to massively reduce unnecessary resource creation in dev environments

- Reduced pipeline build time by 83% and package size by 97% through restructure of lambda service building

- Participated in voluntary Security Champions team to stay on top of emerging vulnerabilities

- Continuously iterating CI/CD pipelines to reduce overall build times

FULL STACK ENGINEER, PAYMENTUS; REMOTE – SEP 2019 - APR 2021

- Developed and delivered a robust, highly customizable MERN payment solution from the ground up within a year

- Created and documented reporting solutions that utilize dynamic MongoDB queries

- Efficiently networked with multiple teams to best leverage resources and share knowledge

- Detailed code review sessions with experienced developers to ensure best practices and increase programming knowledge

- Groomed incomplete customer requirements into detailed, manageable development stories

STAFF SOFTWARE DEVELOPER, SCI FUSION360; CLT, NC MAY 2016 - AUG 2019

- Provided crucial, full stack development to support IBM's Financial Transaction Manager (FTM) product

- Effectively communicated to develop solutions based on shifting customer needs within tight deadlines

- Utilized version control to actively support multiple customers at different release levels

- Week long on-call once a month as first point of contact for show-stopping bugs or issues found in live customer environments

EDUCATION

COLLEGE OF CHARLESTON, CHARLESTON, SC – B.S. IN COMPUTER SCIENCE, 2016