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# KYLE BROOKS

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📍 Hickory, NC 📞 864-360-5512 🌐 [github.com/KyleBrooks242](https://github.com/KyleBrooks242)

## 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 | 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
- Restructured building of lambda services to reduce package size by 97% and cut build time in pipeline from 30 minutes to 5 minutes
- 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**