Abhiram Kasturi

(864) 765-4799 | abhiramkasturi10@gmail.com
abhiramkasturi.com | github.com/abhiram2600 | linkedin.com/in/abhiram-kasturi

SUMMARY

Second engineer on site at a high-growth Series A startup, and the sole builder of the product that is now the **single largest driver of new revenue in company history**. Full-stack engineer with end-to-end ownership, from the Go backend and AWS infrastructure to the React frontend and LLM agents. AI-native by default.

EXPERIENCE

Linq App Inc., Developer | San Francisco, CA / Birmingham, AL | Jan 2025 - Present

- Built Linq's **real-time sandbox product** alone, end to end. It's the on-ramp for every customer, spinning up an iMessage number instantly so they can send through our API. It's now the **single largest driver of new revenue in company history**.
- Engineer on Linq's **messaging backend in Go**, the system now moving nearly **10M messages a day** at ~250ms latency. I shipped multi-tenant phone-number support, API rate limiting, and concurrency-safe message handling on NATS JetStream and gRPC, the pieces that keep delivery reliable and isolated under real load.
- Work with **AWS in production**: ECS on Fargate with autoscaling that scales our message workers with load, an ALB with target groups and health checks, and RDS plus internal services kept in private subnets behind security groups and IAM roles. NAT gateways handle outbound traffic so the private layer stays private.
- Core contributor to the **open-source Linq CLI** (TypeScript/oclif): built the authentication flow, API token management, and real-time webhook tooling, designed with AI agents as first-class users.
- Building Linq's **LLM agent platform** on the Anthropic API: describe an agent in chat and it builds itself, goes live on a real iMessage number, and texts like a human. Agents edit and redeploy themselves through tool calls, remember people beyond the context window, and can text first on plain English schedules.

Clemson University, Graduate Student Assistant | Clemson, SC | Feb 2023 - May 2024

- Led the digitization of archived theses and dissertations, automating data extraction and transformation with Python, Tesseract OCR, and OpenCV.

Mutual Mobile, Associate Software Engineer (intern to full-time) | Hyderabad, India | Mar 2021 - Jun 2022

- Built cross-platform applications in React and React Native with Next.js web targets and NestJS (Node.js) backends.
- Owned CI/CD with CircleCI and Docker integrated with Bitbucket, automating builds and deployments. Optimized the frontend architecture of a high-traffic product and scaled its database layer for high availability and real-time retrieval.

SKILLS

Languages: TypeScript, JavaScript, Go, Python, SQL, C++

Backend: gRPC, NATS JetStream, Kafka, OpenTelemetry, Prometheus, microservices, NestJS, Ruby on Rails, GraphQL

Frontend: React, Next.js, React Native, Zustand, TanStack Query, Tailwind

Tooling & Infra: oclif, AWS (ECS, RDS, S3), Docker, CircleCI, GitHub Actions, Jest

EDUCATION

Clemson University, M.S. in Computer Science | Clemson, SC | May 2024

JNTU Hyderabad, B.Tech. in Computer Science & Engineering | Hyderabad, India | May 2021