

Sakthi Rajkumar

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Full-stack software developer with two years working experience at a financial startup, coding using React, TypeScript, JavaScript, Node.js, Next.js Python, PostgreSQL and AI tools

EDUCATION

- Rutgers University-New Brunswick** New Brunswick, NJ
Bachelor's Degree in Computer Science; Minor in Cognitive Science September 2020 – May 2024

SKILLS

- **Languages:** TypeScript, JavaScript, SQL, Python, Java, C, HTML/CSS
- **Frameworks:** React, Next.js, Node.js, Express.js, Material UI, Shadcn
- **Data & Pipelines:** PostgreSQL, ETL, data modeling, MongoDB, event-driven architecture
- **AI & SDLC:** Cursor, Claude Code, Gemini API, LLM features, prompt engineering, AI agents, REST APIs
- **Cloud & Delivery:** AWS (Lambda, SQS, S3), microservices patterns, GitHub Actions (CI/CD), Git, Agile, Linux

EXPERIENCE

- **Software Engineer**
Habits Inc. - <https://www.usehabits.com/> June 2024 - Present
 - Developed scalable application modules for web platforms using **React** and **Node.js** in **fast-paced** environments.
 - Designed, maintained, and optimized **PostgreSQL** schemas supporting full-stack application functionality.
 - Served as **sole engineer** on an enterprise platform built from scratch; designed system flows, APIs, and integrations for architecture with granular permissions.
 - Utilized AI-assisted **SDLC** with **Cursor** and **Claude Code** to accelerate design, development, testing, and delivery.
 - Developed **Python** data workflows and **PostgreSQL ETL** pipelines across millions of user interactions, ingesting and joining data from disparate sources for reporting and analytics.
 - Built robust data pipelines on **AWS Lambda and SQS** for async ingestion and processing, supporting reliable downstream applications and operational visibility.
 - Integrated **third-party APIs** such as **Plaid** to implement secure bank account linking, transaction retrieval, and identity verification workflows.
 - Built **AI-powered engagement systems** with **Gemini**, including a **conversational AI agent** with cross-session memory integrated into production user workflows.
 - Owned **CI/CD pipelines** on **GitHub Actions** across **4 repositories**, supporting rapid prototyping, testing, and production deployment of platform features.
 - Troubleshoot production issues and resolved **70% of critical defects** within **24 hours**, improving availability and sustained performance of customer-facing systems.
- **Software Engineering Intern**
RunLoyal Inc. June 2023 – August 2023
 - Collaborated with cross-functional partners to gather requirements, prototype features, and deliver software.
 - Built a full-stack internal dashboard from scratch, which is now a **mission-critical** tool used by the **business team every 30 minutes** to track user growth, behavior, and key engagement metrics by plotting information using libraries such as Material UI and Shadcn.

PROJECTS

- **Stock Project <https://marketsforge.net/login>**
Python, React, AWS
 - Built a production-style stock trading platform with a **React** frontend and **Python** backend, supporting real-time market data and trading workflows.
 - Implemented APIs for **market data, order processing, portfolio management, and trade execution**.
 - Deployed the application on **AWS Lightsail** with **CloudFront** for production hosting and content delivery.