

# Khamari Thompson

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## TECHNICAL SKILLS

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**Languages & Frameworks:** Python, Java, C++, JavaScript, TypeScript, Spring Boot, Flask, Node, React

**Backend & Cloud:** AWS, Firebase, RESTful APIs, OAuth, JWT

**Developer Tools:** Git, GitHub, Docker, VS Code, Vercel

## EXPERIENCE

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### Software Engineer Intern

June 2024 – Aug. 2024

*STARZ*

*Denver, CO*

- Designed and optimized high-performance RESTful APIs for microservices, implementing caching strategies and database indexing to reduce response latency by 10%, ensuring seamless inter-service communication.
- Refactored microservices architecture by optimizing API payloads and database transactions, reducing compute overhead and improving request efficiency.
- Enhanced backend performance by 20% by implementing asynchronous processing for API-intensive workloads, reducing server load and improving response times.
- Implemented API logging and monitoring, reducing debugging time by 30% and ensuring system reliability in production environments.

### Computer Systems Specialist

Jan 2024 – Present

*Florida Department of Agriculture and Consumer Services*

*Tallahassee, FL*

- Provided first-level desktop support to promptly address hardware and software issues for departmental staff, resolving day-to-day technical problems and minimizing disruptions.
- Built TicketAuto, a Flask & SQLite-based IT support automation system, streamlining ticket resolution workflows. Designed RESTful APIs for efficient issue tracking and future scalability.

## PROJECTS

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### BlckByte | *React, TypeScript, Node.js, Firebase, Plaid API, OpenAI API, Vercel*

Jan 2025

- Built a secure financial management platform integrating Plaid API, implementing transaction syncing and AI-driven financial insights.
- Implemented OAuth authentication with Firebase and encrypted API requests, ensuring secure financial data access.
- Optimized performance with a CI/CD pipeline on Vercel, reducing release cycles by 40% and improving load times by 65%.

### MoodTunes | *Java, Spring Boot, React, Firebase, Spotify API*

Sept. 2024

- Developed a full-stack music recommendation platform integrating Spotify API to generate mood-based playlists using user preferences and real-time authentication via Firebase.
- Developed a scalable Spring Boot backend with RESTful APIs, optimizing data models for personalized recommendations and secure user management.

### StudyPilotAI | *React, Node, Firebase, OpenAI API, JWT, RESTful APIs*

June 2024

- Engineered an AI-driven study planner using OpenAI's GPT models, implementing adaptive learning strategies and optimizing API calls to reduce response latency by 30%.
- Developed a scalable React frontend with Firebase Authentication & Firestore for secure, real-time user management.
- Designed RESTful APIs with JWT authentication, rate limiting, and input validation for enhanced security and performance.

## EDUCATION

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### Georgia Institute of Technology

Atlanta, GA

*M.S in Computer Science*

*2027*

### Florida A&M University

Tallahassee, FL

*B.S in Computer Science*

*2025*

### Florida A&M University

Tallahassee, FL

*B.S in Interdisciplinary Studies*

*2023*