Jones Samuel

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EDUCATION

Kalpataru Institute of Technology	CGPA: 7.5
Bachelor of Engineering in Computer Science and Engineering	*Aug. 2022 – May 2026*
SS PU College	Percentage: 73%
12th Grade	*Aug. 2020 – May 2022*
National High School	Percentage: 75%
10th Grade	*May 2019 – May 2020*

EXPERIENCE

Backend Developer — Hackathons & Academic Projects

- Developed backend services using Spring Boot, designing REST APIs and integrating MongoDB for real-time data processing.
- Created and optimized database schemas for high-performance querying and scalability.
- Implemented secure authentication using JWT and OAuth2.
- Built academic projects focusing on microservices architecture and event-driven patterns.
- Developed personal hobby projects using Docker, third-party APIs, and full-stack integration.
- Collaborated with frontend teams to deliver seamless UI-to-backend workflows.

PROJECTS

Family Calendar | *HTML, CSS, JavaScript, Spring Boot, MongoDB* — Oct 2024
- Built a Family Calendar application supporting event management with real-time updates.
- Integrated Google Maps API for live location tracking and navigation.
- Implemented Twilio API for OTP-based phone authentication.
- Used JWT authentication to secure user data and access control.
- Designed multi-user role-based dashboards for shared family scheduling.

Traveling Agency Using AI | *React, Spring Boot, MongoDB, RASA AI* — Dec 2024
- Developed an AI-powered travel platform with automated search, bookings, and user assistance.
- Integrated APIs for real-time ticket availability, pricing, and booking.
- Built a RASA-based chatbot for instant travel recommendations.
- Stored user preferences in MongoDB for personalized suggestions.
- Enhanced user experience with seamless, AI-driven interactions.

TECHNICAL SKILLS

Languages: C/C++, Python, Java
Web Technologies: JavaScript, HTML/CSS
Frameworks: Spring, Spring Boot, Spring Security
Backend Skills: REST APIs, Microservices, JWT Auth, Maven/Gradle
Databases: SQL, NoSQL (MongoDB)
Testing: JUnit
Developer Tools: Git, GitHub, VS Code, IntelliJ, Postman, Docker

ACHIEVEMENTS

- Selected as Technical Co-Leader for Google Developer Student Clubs (GDSC).
- Secured 2nd place in Code Debugger organized by Govt. Engineering College KR Pete (IEEE Student).
- Secured 5th place in Hackathon organized by Curious Developers at KIT.

EXTRACURRICULAR ACTIVITIES

- Member of Student Club; facilitated technical workshops promoting hands-on learning.
- Collaborated with peers on innovative technical and creative projects.
- Worked with musicians to compose and produce music, combining creativity with technical skills.