

# JITTO JOSEPH

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## SUMMARY

Software Engineer with strong computer science foundations and hands-on experience building production web systems. Experienced in backend development using **Java** and **Spring Boot**, with experience integrating APIs, designing system workflows, and shipping real-world applications. Interested in backend and full-stack roles focused on scalable, reliable software.

Focus: Backend and full-stack web development

## EXPERIENCE

### Frontend Developer (Intern)

Bloombloom

January 2025 – Present

- Built and shipped production features for the core web platform using React and TypeScript, collaborating closely with backend services.
- Integrated frontend workflows with backend APIs, handling data fetching, state management, and error handling.
- Worked with shared component libraries to improve reuse, maintainability, and consistency across the application.

## PROJECTS

### SpacialMeet

[spacialmeet.vercel.app/](https://spacialmeet.vercel.app/) • December 2025 – January 2026

- Built a real-time virtual office platform with a **Spring Boot backend** and WebRTC-based communication.
- Designed APIs for room management and real-time session handling, with a React-based frontend for interactive collaboration.

### Endurance Protocol

[endurance-protocol.vercel.app/](https://endurance-protocol.vercel.app/) • October 2025 – October 2025

- Developed an interactive asteroid impact simulator using **NASA NeoWs API**, modeling physics-based impact scenarios with **Three.js**.
- Designed smooth user flows to simulate Earth impacts at chosen locations and view analytical results, demonstrating end-to-end frontend logic and data handling.

### FlowLens – DevOps Intelligence

[github.com/JittoJoseph/FlowLens-Devops-Intelligence](https://github.com/JittoJoseph/FlowLens-Devops-Intelligence) • September 2025 – September 2025

- Built an AI-powered DevOps intelligence platform with **Flutter**, **Node.js**, and **Python**, processing real-time CI/CD events for workflow optimization.
- Demonstrated strong understanding of **system design**, **event-driven architecture**, and microservices coordination for scalable performance.

### DevMetric

[dev-metric.vercel.app/](https://dev-metric.vercel.app/) • August 2025 – September 2025

- Built a developer analytics platform that evaluates GitHub profiles and generates meaningful performance metrics using real-time data processing.
- Implemented live updates with **WebSockets** and a modern UI using **Next.js** and **Tailwind CSS**, showcasing real-time data visualization and frontend performance optimization.

## EDUCATION

### Bachelor of Computer Applications

Bishop Vayalil Memorial Holy Cross College • 2026

## AWARDS & HONORS

### 1st Place – DevByZero Hackathon (DMCON 2025)

DevByZero × DMCON 2025, Kochi • 2025

- Secured 1st place at a multi-round national hackathon by building FlowLens, an AI-powered DevOps intelligence platform providing real-time visibility from code commit through CI/CD pipelines to production, competing against top engineering teams.

## SKILLS

**Backend:** Java, Spring Boot, PostgreSQL

**Frontend:** React, Next.js, TypeScript, Tailwind CSS

**Tools:** Git, Firebase, Postman

**Concepts:** REST APIs, Event-driven systems, System design