

JITTO JOSEPH

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SUMMARY

Full-stack Software Engineer with experience building real-time collaboration platforms, simulation-driven applications, and scalable web systems. Comfortable working across frontend, backend, databases, and deployment workflows, with a focus on turning ideas into production-ready products.

EXPERIENCE

Lee Web and Media Studio

Full Stack Developer

May 2026 - Present

California, United States • Remote

- Design and develop full-stack applications, implementing frontend interfaces, backend services, database architectures, and production workflows.
- Build scalable cloud-native systems using Cloudflare Workers, D1, and APIs, deploying applications from development through production.
- Collaborate with a distributed international team to deliver production-ready software solutions for client and internal projects.

Freelance

Freelance Software Engineer

Mar 2026 - Apr 2026

Independent Contractor • Remote

- Developed and deployed full-stack applications using Next.js and TypeScript, delivering scalable, high-performance solutions with a focus on maintainability and user experience.
- Integrated headless CMS enabling non-technical stakeholders to manage content independently without developer involvement.
- Worked directly with client requirements to deliver production-ready features and content management workflows.

Bloombloom

Frontend Developer Intern

Jan 2025 - Feb 2026

Bengaluru, Karnataka • Hybrid

- Built and shipped production features for the core platform using React and TypeScript, integrating with backend APIs and services.
- Integrated frontend applications with backend APIs to deliver production-ready user-facing functionality.
- Contributed to reusable component systems and frontend architecture improvements focused on maintainability and development efficiency.

PROJECTS

SpatialMeet <https://spatialmeet-app.vercel.app/>

- Built a real-time collaboration platform using WebRTC to support low-latency peer-to-peer communication and synchronized multi-user interactions.
- Designed backend APIs and session management workflows for room coordination, real-time state handling, and live communication systems.
- Developed interactive frontend systems enabling real-time presence, movement synchronization, and collaborative user experiences.

Endurance Protocol <https://endurance-protocol.vercel.app/>

- Developed an interactive simulation platform using NASA NeoWs data to model asteroid impact scenarios based on user-defined environmental and physical parameters.
- Built analytical workflows to process external scientific datasets and generate calculated simulation outputs in real time.
- Designed real-time visualization and interaction systems for exploring modeled outcomes, impact behaviors, and scenario-based results.

Achievements

- **1st Place - DevByZero Hackathon (DMCON 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.
- **NASA Space Apps Challenge - Global Nominee (2025)** :Recognized as a Global Nominee in the 2025 NASA Space Apps Challenge, placing in the top tier of 11,500+ submissions across 150+ countries. Built Endurance Protocol, selected by NASA reviewers for its technical innovation and real-world impact potential.

EDUCATION

Mahatma Gandhi University

Bachelor of Computer Applications

Jun 2023 - Mar 2026

Skills

Technical Skills: TypeScript, Python, Node.js, React, Next.js, Express.js, PostgreSQL, SQL, MongoDB, Cloudflare Workers, D1, Backend Development, System Design, Real-Time Systems, Distributed Systems, Git, AWS