

Uttam Jangir

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PROFESSIONAL SUMMARY

Backend-focused Software Engineer experienced in building and deploying full-stack SaaS platforms. Strong in API design, authentication systems, cloud deployment, and multi-tenant architectures. Passionate about shipping production-ready systems in fast-paced startup environments.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, Python, Bash

Frontend: Next.js, React, REST API Integration

Backend: Spring Boot, Node.js, JWT, Role-Based Access Control, WebSockets

Databases: PostgreSQL, Prisma

Cloud & DevOps: Docker, Azure, Redis (Caching), CI/CD

Integrations: OAuth 2.0, YouTube Data API, LLM APIs, Resend

PROJECTS

• SpendStats — AI-Powered Financial Analytics Platform

Next.js, Spring Boot, PostgreSQL, OAuth, LLM APIs

- Designed and deployed full-stack SaaS platform that parses bank statement PDFs and structures transactions using LLM APIs.
- Implemented secure multi-user authentication with Google OAuth and isolated financial data per user.
- Built interactive analytics dashboard with filtering, categorization, and CRUD capabilities.
- Architected relational schema for scalable transaction storage and querying.

• YouTube Broadcaster — Multi-Channel Automation Platform

Next.js, YouTube Data API, OAuth 2.0, Scheduled Jobs

- Engineered system supporting 80+ concurrent channel operations with secure multi-account OAuth integration.
- Implemented resumable uploads and selective channel broadcasting workflows.
- Designed unified analytics dashboard aggregating views, subscribers, and performance metrics.
- Managed API orchestration and rate-limit handling for large-scale automation.

• Projectile Simulation Engine

Spring Boot, Docker, Azure

- Built high-performance backend computation engine for projectile trajectory simulation.
- Containerized service using Docker and deployed via Azure infrastructure.
- Integrated frontend visualization for real-time trajectory rendering.

EDUCATION

• BITS Pilani, Pilani

2024 – 2028

B.E. in Computer Science

CGPA: 8.28/10

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Relational Databases, Software Design Principles