

Tridip Mandal

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Mumbai, Maharashtra

OBJECTIVE

Results-driven Software Engineer with expertise in full-stack development using Java, Spring Boot, and Angular. Currently working as a Workday Integration Developer at Capgemini with hands-on experience in building scalable enterprise solutions. Proven track record of delivering production-ready applications and implementing efficient backend systems. Seeking opportunities to leverage technical skills in software development, API design, and system integration to drive innovative solutions and business impact.

EXPERIENCE

Software Engineer - Workday Integration Developer

August 2025 – Present

Capgemini

Mumbai

- Working as Workday Integration Developer, designing and implementing integrations between Workday and external systems
- Developing and maintaining Workday Extend applications to streamline enterprise business processes

Software Developer Intern

July 2024 – December 2024

Floydee Infotech

Kolkata, India

- Developed RESTful APIs for Naree production healthcare platform using Spring Boot, implementing business logic and API integrations
- Built full-stack features for upcoming products utilizing Angular for frontend and Spring Boot for backend services
- Collaborated with teams to debug issues and optimize performance in production codebases and deployment workflows

EDUCATION

JIS College of Engineering

Kalyani, West Bengal

Bachelor of Technology in Electronics and Communication Engineering

2021 – 2025

- CGPA: 8.2/10.0

TECHNICAL SKILLS

Programming Languages: Java, Typescript, Python, C

Frameworks & Technologies: Spring Boot, Angular, REST APIs, Bootstrap

Database Systems: MongoDB, PostgreSQL, Redis

Machine Learning: TensorFlow, CNN, Computer Vision, Image Processing

PROJECTS

Bioscope – Event & Ticket Booking Web Application | *Spring Boot, Angular, Typescript, REST API*

- Developed full-stack event booking platform with Spring Boot backend exposing RESTful APIs for authentication, event management, and bookings, and Angular frontend with responsive UI and client-side routing
- Implemented JWT-based authentication and role-based access control supporting multiple user roles with secure CRUD operations for events, bookings, and user profiles
- Structured modular codebase connecting frontend components with backend services using REST principles for scalability and maintainability

Know-Calorie – AI-Driven Food Calorie Estimator | *Python, TensorFlow, CNN, Computer Vision*

- Built Python application estimating calorie content from food images using computer vision, CNNs for feature extraction and classification, automating nutritional analysis without manual input
- Implemented image processing pipeline to identify food types and compute caloric values, demonstrating applied AI for health tech applications
- Organized modular repository with components for data handling, model integration, and result visualization for experimentation