

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 <i>Capgemini</i>	August 2025 – Present
<ul style="list-style-type: none">Working as Workday Integration Developer, designing and implementing integrations between Workday and external systemsDeveloping and maintaining Workday Extend applications to streamline enterprise business processes	<i>Mumbai</i>
Software Developer Intern <i>Floydée Infotech</i>	July 2024 – December 2024
<ul style="list-style-type: none">Developed RESTful APIs for Naree production healthcare platform using Spring Boot, implementing business logic and API integrationsBuilt full-stack features for upcoming products utilizing Angular for frontend and Spring Boot for backend servicesCollaborated with teams to debug issues and optimize performance in production codebases and deployment workflows	<i>Kolkata, India</i>

EDUCATION

JIS College of Engineering <i>Bachelor of Technology in Electronics and Communication Engineering</i>	Kalyani, West Bengal
<ul style="list-style-type: none">CGPA: 8.2/10.0	2021 – 2025

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 <i>Spring Boot, Angular, Typescript, REST API</i>
<ul style="list-style-type: none">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 routingImplemented JWT-based authentication and role-based access control supporting multiple user roles with secure CRUD operations for events, bookings, and user profilesStructured modular codebase connecting frontend components with backend services using REST principles for scalability and maintainability
Know-Calorie – AI-Driven Food Calorie Estimator <i>Python, TensorFlow, CNN, Computer Vision</i>
<ul style="list-style-type: none">Built Python application estimating calorie content from food images using computer vision, CNNs for feature extraction and classification, automating nutritional analysis without manual inputImplemented image processing pipeline to identify food types and compute caloric values, demonstrating applied AI for health tech applicationsOrganized modular repository with components for data handling, model integration, and result visualization for experimentation