

JEEVAN BIKASH SAHOO

Software Developer — Full Stack & Data Analytics | Java · Python · SQL · SDLC
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PROFESSIONAL SUMMARY

Full-stack software developer with a foundation in Java, Python, and SQL, and hands-on experience delivering end-to-end technology solutions across the complete SDLC. Proven ability to translate business requirements into working software — from backend API engineering and database design to frontend interfaces — within fast-moving, agile cross-functional teams.

Brings an innovative, digital-first mindset to every engagement: comfortable applying data analytics techniques to surface insights, debugging complex system issues, and picking up new frameworks quickly. Microsoft Learn Student Ambassador and SQL competition award winner, with a curiosity for building solutions that create measurable business value. Looking to apply these skills in a consulting environment where technology, client delivery, and continuous learning intersect.

TECHNICAL SKILLS

Languages Java · Python · JavaScript · TypeScript · C#

Web & Frameworks React.js · Node.js · RESTful APIs · HTML/CSS · Full-Stack Development

Databases & Analytics SQL (MySQL) · MongoDB · Firebase · Oracle (familiar) · Data Structures & Algorithms

Platforms & Tools AWS Cloud · Git/GitHub · Postman · Unity · SDLC · Agile/Scrum

Practices Digital-first product delivery · Cross-functional collaboration · Requirement analysis

PROFESSIONAL EXPERIENCE

Software Developer — Applications & Systems Jul 2025 – Nov 2025

Capsitech · Jodhpur, India

- Delivered 3 client-facing software products end-to-end across a 5-month engagement by owning the full SDLC — requirements analysis, architecture, development, QA, and deployment — for a Task Management System, a puzzle game, and the TactIQXO project.
- Improved payroll data accuracy by 25% in the Total Time Pay system by applying systematic SQL-based debugging and data analytics techniques to identify and resolve root-cause integrity issues across the database layer.
- Engineered a role-based access control system serving 3+ user tiers (Admin, Team Lead, Employee) with 100% clean module integration by architecting RESTful backend APIs in Java and Python, implementing full CRUD operations, and building real-time dashboard analytics with activity tracking.
- Reduced user authentication friction across 2 applications by integrating Firebase Authentication with Google Sign-In while applying agile development practices within a cross-functional team to ship on schedule across all project milestones.
- Built and optimised 2 Unity/C# applications from concept to deployment meeting all performance and UX benchmarks by designing core game logic, UI flows, and local data management — demonstrating an adaptive, digital-first approach to multi-platform product delivery.

ACADEMIC PROJECTS

Task Management System

Jul – Aug 2025

Full-Stack Development · Java · SQL · Agile · SDLC

- Architected a multi-tier workflow platform supporting 3 user roles and unlimited project allocation, achieving 100% feature coverage against the original requirements specification by applying agile sprints, SQL schema design, and iterative frontend development in React — treating it as a consulting engagement with defined deliverables and stakeholder sign-off at each phase.

Delhi Metro Rail Routing Application

Sep – Oct 2024

Java · Data Structures · Algorithms · Data Analytics

- Built an analytical routing engine covering 285+ metro stations, computing optimal paths and distance-based fares with sub-second query performance by applying Dijkstra's, BFS, and DFS algorithms on a graph data structure — turning a real-world transit dataset into an end-to-end data analytics and problem-solving solution.

EDUCATION

Bachelor of Technology — Computer Science & Engineering

Sep 2021 – May 2025

Gandhi Engineering College, Bhubaneswar, Odisha

CGPA: 7.8 / 10 (~78%) · No active backlogs

CERTIFICATIONS & ACHIEVEMENTS

Certifications

- AWS Cloud Practitioner Essentials
- Java — HackerRank (top 10% badge)
- Postman API Fundamentals Student Expert

Achievements

- Microsoft Learn Student Ambassador (2023–24)** — selected from national pool; mentored peers on Azure & cloud fundamentals
- 3rd Prize · Break the Query SQL Competition (2024)** — ranked in competitive data analytics challenge among 500+ participants
- NCAT 2024 — AIR 3309** — national-level aptitude ranking among engineering graduates