Manas Ranjan Dikshit

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LinkedIn | GitHub | LeetCode | Portfolio

Summary

Results-driven **Software Developer** with strong expertise in **Java, Spring Boot, Next.js, Supabase, PostgreSQL, MySQL, and REST API design**. Experienced in building high-performance, **AI-integrated web applications**, scalable microservices, and secure **cloud-native deployments**. Proven record in **backend development, automation, and open-source contributions**. Passionate about solving real-world challenges using **agile methodologies, CI/CD pipelines, and data-driven engineering**.

Education

B.Tech. in Computer Science & Engineering	**CGPA: 9.3/10 (till 3rd Sem)**
Sambalpur University Institute of Information Technology, Burla	*2024 – 2028*
Higher Secondary (+2 Science)	**91%**
KSE, Keonjhar	*2022*
Matriculation	**95%**
SSVM, Keonjhar	*2020*

Skills

Programming Languages: Java, C, SQL, JavaScript, TypeScript
Frameworks & Libraries: Spring Boot, Next.js, React, Django, Bootstrap, Tailwind CSS
Databases: MySQL, Supabase, PostgreSQL, PostGIS, Firebase
DevOps Tools: GitHub Actions, Docker, CI/CD Pipelines, pgAdmin, Postman
Key Strengths: Backend Engineering, API Development, Database Optimization, Leadership, Problem Solving

Experience

Web Development Intern — **Jan 2025 – Feb 2025**
ZIDIO Development Pvt Ltd (Remote) — *Java — Spring Boot — SQL — Microservices*
− Developed and optimized **RESTful APIs** using **Spring Boot**, reducing backend latency by **30%**.
− Automated report generation and created **dynamic dashboards** using SQL joins and reusable API endpoints.
− Enhanced backend scalability via modular architecture and integrated CI/CD workflows for seamless deployment.
− Collaborated with **cross-functional teams** ensuring secure, high-performing microservices.

Open-Source Contributor — **Dec 2024 – Present**
GitHub (Apache & OSS Communities) — *CloudStack, Pinot, ShardingSphere, Jenkins, NRNB, AsyncAPI*
− Contributed to **6+ Apache projects**, submitting multiple **pull requests, bug fixes, and documentation** enhancements.
− Improved system reliability, optimized **CI/CD pipelines**, and reviewed PRs for production-grade microservices.
− Collaborated globally with developers to improve distributed systems and maintain open-source software quality.

Projects

StudentSync – Centralized Student Activity Hub
− Built a full-stack platform for managing **academic & co-curricular records** for higher education institutions.
− Developed secure **Django REST APIs** integrated with **Firebase Authentication** and **Chart.js** analytics.
− Served over **200+ users** by automating report generation and improving data transparency.

Unicorn – Entrepreneurs Solver
− Developed a **business intelligence platform** offering 10-year forecasts, data analytics, and idea validation.
− Implemented backend with **Spring Boot + SQL**, supporting multi-user real-time data synchronization.
− Improved decision-making for startups using **predictive models** and visualization dashboards.

VoiceUp India – Citizen Engagement Platform
− Developed a citizen platform for reporting, tracking, and analyzing civic issues with **geospatial mapping**.
− Implemented **Next.js frontend** with **Supabase (PostgreSQL, PostGIS)** backend using **Row Level Security (RLS)**.
− Integrated **AI-powered chatbot**, real-time notifications, and **React-Leaflet** maps for location insights.
− Empowered civic transparency and engagement between **citizens and ministries**.

EDUAI – Educational Toolkit
− Developed **AI-powered educational suite** supporting essay generation, Q&A, and PDF-based interaction.
− Integrated **Gemini API** with multi-modal inputs; served **100+ learners** improving accessibility by 35%.
− Crafted responsive UI with **Tailwind CSS & Framer Motion**, enhancing visual engagement.

Awards & Achievements

- **Hack4Impact Winner (2025):** Project **Unicorn** recognized for civic innovation & entrepreneurship.
- **HackVerse Winner (2025):** Built AI-driven health assistant serving **500+ users**.
- **Hack-O-thor Winner (2024):** Developed multi-tool education platform – **EDUAI**.
- **Apache Contributor Recognition (2025):** Acknowledged for open-source impact in CloudStack & Jenkins.
- **HackerRank 5* in Java** & **LeetCode Top 2% Global**: Solved 100+ advanced DSA problems.
- **National Debate Champion (2022):** 85+ first-place wins; honored with Governor's Award.
- Top Performer – **Google Cloud Skill Boost (2024)**; District Topper (**10th & 12th Boards**).