

AMAN GADADARE

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in [LinkedIn](#)

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EXPERIENCE

JIO Platforms Ltd.

Oct 2023 – Present

Software Engineer

Navi Mumbai, India

- Developed and maintained REST APIs within **Jio Platforms Hybrid Cloud Management Platform (CloudXP)**, focusing on billing functionalities, impacting over 10,000 users and reducing manual workload by 30%.
- Designed and optimized microservices architecture, improving backend performance, system integration, and boosting user satisfaction by 25%.
- Built a proof of concept (POC) to efficiently process large-scale data using **Go, Apache Beam, and Apache Flink**, optimizing data processing workflows for scalability and performance.
- Collaborated in Agile/Scrum teams, executing end-to-end QA testing, including functional, regression, and integration tests, to ensure software quality and seamless microservices interaction.
- Developed UI modules for key features such as **TDS Reversal, Invoice Reversal, and Billing Reports**, ensuring seamless user experience and functionality across the platform.
- Conducted rigorous load testing on APIs using **Apache JMeter** in a replica environment, ensuring optimal scalability and maintaining service quality under high concurrent request loads during simulated peak traffic conditions.
- **Tech Stack:** Java, Spring Boot, Spring JPA, Angular, PL/SQL, Kubernetes.

Samagra

July 2023 – Sept 2023

Software Development Intern / [🔗 Project Link](#)

Remote

- Developed REST APIs using Java Spring Boot to enable secure and seamless medical data exchange within the **Ayushman Bharat Digital Mission (ABDM)** ecosystem.
- Simplified data transfer by integrating an SDK at HRP, improving interactions between HIPs and HIUs and enhancing system compatibility.
- Enhanced system security with ECDH and AES encryption, while conducting thorough API testing using Postman, Webhooks, and Ngrok to improve reliability.
- **Tech Stack:** Java, Spring Boot, Spring JPA, Docker, Cryptography.

EDUCATION

Fr. Conceicao Rodrigues College of Engineering, Mumbai

Nov 2010 - June 2023

B.E. in Computer Engineering

CGPA 9.4

PROJECTS

Fake Product Detection / [🔗 Project Link](#)

- Designed blockchain solution for product ownership transparency in supply chain management. Led frontend development and deployed Ethereum smart contracts via Ganache on RPC network.
- **Tech Stack:** Solidity, PHP, Ganache, MySQL, Javascript.

Inventory Management System [🔗 Project Link](#)

- Created a user-friendly Inventory Management System with dual-panel interfaces, automating sales report generation and reorder notifications. Utilized Django forms and models for enhanced functionality.
- **Tech Stack:** Python, Django, MySQL

E-Seva Application [🔗 Project Link](#)

- Built an Android Application facilitating communication between citizens and corporator. The app provided access to Municipal Corporation schemes and enabled users to submit complaints directly to the relevant authorities through Firebase integration
- **Tech Stack:** Java, Firebase, Android.

TECHNICAL SKILLS / INTERESTS

Languages: Java, Python, Javascript, Shell Scripting

Technologies/Frameworks: Spring Boot, Spring JPA, React, Django, REST API

Platforms/Databases: Azure, AWS, Docker, MySQL, Oracle, MongoDB, CI/CD, Postman, Git.

Interests: Cloud Computing, Devops, AR/VR

ACHIEVEMENTS

- Presented a talk at CNCF **KubeCon + CloudNativeCon** North America 2024, a globally renowned conference for Kubernetes and cloud-native technologies.
- Finalist in Dolat Capital Hackathon, Jio Certified Cloud Professional, solved 250+ DSA problems on top platforms.
- Published research paper on "Future of AR VR in the Indian Education System" (IJCTT, 2023).