



## SUMIT MAHANAG



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## PROPOSITION

- According to the Job description, your requirement is for a high-performing active candidate who can mold himself to be a team player, with customer centricity. I think I am a perfect candidate as my prior experience and qualifications suggest the same.

## CAREER OBJECTIVE

- To better understand the needs of my clients and seek to improve my cognitive approach for mutual betterment.
- To achieve customer-centric sustainability and skills, scaling myself horizontally in the stack and vertically in the domain.

## MY NEXT STEPS

- Angular, PWA.
- Full-Stack message API with Kafka and Spring (In Research).
- Flutter
- Windows 11 UI-inspired portfolio using Three.js

## SKILLS

Spring Boot	■	■	■	■	■
Java Core	■	■	■	■	■
Jenkins	■	■	■	■	■
Cloud Foundry	■	■	■	■	■
Spring Security	■	■	■	■	■
DevOps	■	■	■	■	■

## HOBBIES

Hobby Projects	■	■	■	■	■
Exploring Tech Blogs	■	■	■	■	■
Designing Illustrations	■	■	■	■	■

## EDUCATIONAL QUALIFICATION

### Bachelors in Technology

(2015 – 2019)

United Institute of Technology, Prayagraj (AKTU)

Specialization in **Electrical and Electronics Engineering** securing **79.83% percentile (1<sup>st</sup> Division HONS)**

## WORK EXPERIENCE

### Senior Software Developer

(Dec 2021- till date)

Wipro Technologies, Hyderabad

- Implemented **S3 Object storage** for mobile logs as blob storage and Scheduler service for automated cleanup and REST Endpoints to **upload and download using multipart API**.
- Developed an **implementation to decrease storage utilization by 96%, saving huge expenses** on storage servers by compressing rasterized 2d signatures using vector conversion.
- Developed **DevOps** Pipeline for automatic deployment, testing, code coverage analysis, static code analysis for **Xamarin (not natively supported) and Spring Boot application** using tools like **Jenkins, PowerShell, GitLab, NUnit, JUnit, SonarQube, Grafana, Fortify, and Cloud Foundry** for robust build successions every time.
- Responsible for **system critical decisions for Microservices** to maintain efficient load balancing, robust architecture, and maximum uptimes.
- Developed **REST APIs secured with OAuth2, and Spring Security** to securely exchange data between frontend and backend for all microservices **integrating Splunk, Grafana, AppDynamics, JUnit, Fortify, and SonarQube** with **code quality standards** and constant improvements to the system

### Software Developer

(June 2019 – Dec 2021)

Wipro Technologies, Hyderabad

- Developed Full-Stack messaging application using **Spring boot, Red Hat AMQ, HTML5, and Xamarin** resulting in **reduced server downtime and data loss**, also the architecture's **performance improved by 12%**.
- Applied **automation for projects** to help mitigate the manual work, done by other developers, resulting in **increased operational efficiency by 8%**.
- Worked as a full-time Xamarin Forms developer implementing **log analysis, fixing defects, bugs, and research stories, improving system stability, and reduction in defect count by 50%**.

### Freelance Developer

(Aug 2016 – Feb 2019)

Prayagraj

- Developed, deployed, scaled, and monitored Web and Mobile Applications for **small-scale businesses** using **Linux, AWS, Cloudflare, HTML, Flutter**, and Adobe Illustrator resulting in **increased revenue for customers and their satisfaction**.

### Intern

(June 2018 – Aug 2018)

HAL, Lucknow

- Got **experience in Avionics, ERP, and system design**.
- Helped **improve and understand the aspects of system design** and customer satisfaction **implementing Kaizen**.

## ENDORSED PROJECTS

### Open-Source Messaging API

Developer, Tester, Maintainer

- Implemented **Spring, Red Hat AMQ** as a robust and efficient **replacement to the existing Kazzing library**, **improving performance by 12%**, and reducing server load, unresponsiveness, and data loss.

### Vector Image Compression Algorithm

Developer, Tester, Maintainer

- Implemented PoTrace** to convert rasterized 2d, 2-bit image to vector image using contours resulting in a **96% decrease in storage usage**, implying huge cost savings required for storage servers.
- Awarded "Above and Beyond" awards** for the efforts

## ACHIEVEMENTS / AWARDS

- Work beyond duty** awarded by clients at Wipro Technologies
- Excellence awards** by clients at Wipro Technologies