

Maharsh Patel

📍 Pune, India ✉ maharsh337@gmail.com 📱 8320616861 🌐 <https://maharshpatel.netlify.app/>

SUMMARY

Software engineer with ~3 years' experience in designing, developing and maintaining robust and scalable software solutions. Delivered high-quality software applications using Java/J2EE technologies. Passionate about technology and seeking new challenges and opportunities to increase my expertise and contribute to the success of a dynamic organization.

EXPERIENCE

Software Engineer

Amdocs

June 2021 - Current, Pune, India

- Single handedly implemented ELK stack along with filebeat for log management and efficient error identification which overall increased team productivity.
- Developed an Environment Monitoring System to track all environment details which enhanced the testing team efficiency by 45%.
- Enhanced the Monitoring System by implementing automated email reporting capabilities on critical system unavailability and system failures which increased team performance by 20%.
- Contributed to development of REST APIs to dynamically consume data, while ensuring data consistency and security measures. Also ensured robustness of the application by integrating exception handling and logging.
- Expedited the entire development process, utilizing the RAD methodology with Spring Framework components, wrote documentation and collaborated other developers and stakeholders using tools such as Git, Jira.
- Outperformed migrating legacy application to Spring MVC for cloud support along with better optimization and reusability.
- **Tech Used:** Core Java, Spring MVC, Spring-boot, Angular, Spring-security, Elasticsearch, Logstash, filebeat, MySQL, PostgreSQL

Software Developer Intern

Indian Navy

January 2021 - May 2021, INS Valsura

- Contributed to development of web-based application for an AI-driven predictive maintenance system utilizing the python-based Django framework. Enhanced the performance of application by 30% through query optimization and database migration.
- **Tech Used:** Django Framework, PostgreSQL, Chart.JS, HTML/CSS, JavaScript

PROJECTS

Agri Insurance - Decentralized Crop Insurance System

- Developed a single page web application on the Ethereum blockchain platform through which users can buy suitable policy using ether from self-operating contract by paying a premium amount based on land-size and crop.
- The contract automatically processes a claim if any natural calamity happens like flood or drought by observing parameters like NDVI, NDWI and rainfall.
- **Tech Used:** Ethereum, Solidity, web3.js, Remix ide and ganache.

Online Doctor Appointment System

- Created a dynamic web project using Java Servlets by which user book appointments, view past records, rate the service and doctors can give prescription online.
- **Tech Used:** Java Servlets, MySQL, Html, CSS, JavaScript

EDUCATION

B-Tech in Computer Engineering

Institute of Technology, Nirma University · Ahmedabad · 2021

SKILLS

Language: Java, Python, Typescript, JavaScript

Databases: MySQL, PostgreSQL

Framework: Spring, Angular, React, Django

Tools: Eclipse, STS, VS Code, Postman, Git