Poojan Patel

📞 +91 91578-99326 ✉ poojan4004@gmail.com 🌐 poojan-patel.github.io in /in/poojanvpatel

EDUCATION

NIRMA UNIVERSITY

B.Tech,
Computer Science & Eng.
Nirma University
July 2018 – June 2022
CGPA: *9.46*
(Institute Gold Medal)

SKILLS

Languages
C, C++, Java, Python, Go, NodeJS, HTML JS

Technologies
Microservices, OOP, Design Patterns, Kafka, Spring Boot, Data Structure, RabbitMQ

Databases
MySQL, MongoDB, Elastic-Search

Toolbox
Git, JIRA, MATLAB, RESTAPI, JSON, Postman, IntelliJ

ACHIEVEMENTS

GAIT
Marks: 450/990

CodeJam-2021
Institute top 20

ICPC-2019
Institute Qualifier

LINKS

Github

LeetCode

Codeforces

GeeksForGeeks

HackerRank

EXPERIENCE

TEKION CORP | Associate Software Engineer | Bangalore, India | JUL 2022 –PRESENT

- Learned and developed Core Application Features for Accounting Module, leveraging Spring Boot, MongoDB, ES and more to achieve a remarkable 60% efficiency improvement by applying different Design Patterns and Paradigms along with Code Coverage. Gained expertise by solving multiple small and critical support issues on-call, which reduce TAT by 40%
- Engineered a Due Date Calculation Utility to calculate Due dates for Invoice based on Vendor's configuration, using Factory and Strategy Pattern which is highly configurable and less error-prone. This resulted into 100% code extensibility and reusability
- Designed a Third-Party Invoicing System, used to convert raw data generated from Third Party Software into our Invoices. Introduced high level of data validations to reduce erroneous data by 90%, along with service level orchestration to make codebase more maintainable
- Crafted 15+ features which includes Report Generation, Invoice payments via Wallet, Third-party data production and so on
- Accomplished significant efficiency over 60% by leading end-to-end responsibilities, including PM hand-off, grooming, helping Junior Team members, PR reviews, and feature monitoring on release, ensuring seamless integration for dependent teams

TEKION CORP | Software Development Intern | Bangalore, India | JAN 2022 – JUNE 2022

- Engaged in the development of the Testcase Management System, optimizing efficiency by 30% for Quality Assurance Team
- A Significant reduction by 50% manual Testcase management workload is observed. Thanks to this automation we made the testcases management streamlined and testing environment productive.

PROJECTS

Eye Gaze Tracking | Funded Project, NIRMA UNIVERSITY   *JavaScript*

- Built a Browser-based application which can predict the Eye Gaze locations on the screen
- Application is designed to be integrated seamlessly to any web-app through JavaScript, providing versatility and ease of use
- Achieved an impressive precision of 0.8 together with accuracy rate of 0.9 and 0.75 along X and Y axis respectively

Placement Management System 🔗   *Microservices | GRPC*

- Engineered a Placement Management System using robust Microservice architecture
- Developed 5+ Microservices like Student Management, Article Management, Job Posting and Placement Service leveraging diverse Tech-stacks encompassing Spring boot, Fast API, NodeJS, GoLang, MongoDB, Cassandra and SQL. Introduced Config Server, Discovery Server, Zipkin, Docker to ensure seamless deployment and efficient config management

Hackforces App 🔗   *Node.js | HTML | Mongo*

- Produced a solution for aspiring coders to easily discover the problems in 1 minute based on specific topics from Codeforces
- Enriched with advance features including profile comparison and built-in code executor, fostering an enriched learning env. This has potential to provide a competitive yet engaging space to the budding Software Engineers