PIYUSH GARG

📞 +91 995-339-6663 ✉ piyushgarglive@gmail.com in linkedin.com/piyush-garg ⌨ github.com/PIYUSHGARG482000

Professional Summary

Software Engineer over **2.3 years** of Professional Working experience in software development with a passion for developing innovative software solutions. Proficient in various programming languages and frameworks, including **JavaScript, NodeJS, and ReactJS**. Experienced in software development methodologies such as **Agile and Scrum**. Strong analytical and problem-solving skills, with a track record of delivering high-quality production ready code.

Education

Guru Gobind Singh Indraprastha University   Aug 2018 - Jul 2022

*Bachelor of Technology in **Electronics and Communication Engineering** (CGPA: 8.5 / 10.0)*   *New Delhi, Delhi*

- **Relevant Coursework:** Data Structures and Algorithms (Java), Computer Networking, DBMS, Object Oriented Programming, Debugging

Central Board of Secondary Education   May 2017 - Jul 2018

*Senior Secondary in **Science Stream** (Percentage: 70 / 100)*   *New Delhi, Delhi*

- **Relevant Coursework:** Physics, Chemistry, Mathematics, Computer Science (C++ Programming, MySQL)

Experience

HCL Technologies Ltd. (HCLTech)   Nov 2022 - Present

Software Engineer   *Noida SEZ, UP, India*

- Developed and maintain Production Ready code to ensure smooth Business Operations.
- Ensure ontime Delieverables to avoid SLA breaches to save the Overall cost.
- Prepared Well Documented Technical Doc to ensure Future references and Collaborations.
- Implementing Proper Unit testcases and Debugging of Delieverable Codes by resolving defects and bugs.
- Collaborate with Stake holders and other team members to ensure latest updates and ongoing discussions of Delieverables.

Projects

Frontier Communications| *Node.js, Express.js, Fastify, Microservices, REST API's, Swagger, MongoDB, RedisCache*

- Documented **Microservices & REST API's** into **Swagger Doc** to efficiently used in **Business** requirements.
- Fixed **Sonar Lint / ES Lint** issues in coding standards to enhance the code quality and readability helped to **reduce 85% bugs** and save **Debugging time and Efforts** .
- Enhanced **MongoDB and In-memory Redis cache databases** efficiency by restructuring data models and **optimizing cache** usage achieved a **35% reduction in database latency** and a **25% increase in overall application performance.**
- **Maintain & Merging** code on the Git branch to maintain the integration in the dev branch on production.
- Written **Jest framework unit test cases** for the Microservices API endpoints to ensure **85% above Code coverage** and to make production code tested and fully functional.

APIGEE Hybrid Migration | *Node.js, Express.js, APIGEE, AWS, REST API's, Axios*

- Crafted **Migration Scripts to automate** Import and Export **APIGEE OPDK** services via **Node.Js JavaScript** Framework helped to **migrate** into Hybrid Environment with the **embedded functionality** of scripts that **generates Report** for the **production proxies** and services of APIGEE to identify **inactive Proxies** to save **cost by 40% on Proxies**.
- Deployed migrated **APIGEE on-PREM** services to **Google Cloud Platform** in Management Plane by using **Redhat Open Shift for AWS** on respective **Node & Pods** present in **VM Clusters**.
- Automated **APIGEE Sharedflows, Proxies and Target Servers** to migrate from **OPDK onPrem to APIGEE Hybrid**.

Hawlett Packard Enterprises | *Java, Linux, Neo4j, Cassandra, Networking*

- Developed **Python and Shell Script** to **automate** Manual Data Updates in operations task by using **Linux and Shell Scripting** and added in the **cronjob** to save tedious efforts saves time and **improved 60% performance.**
- Optimized **Neo4j database** queries, reducing **page load times by 15%** and enhancing overall application performance
- Fixed **Vulnerabilities** with **High Severity** to ensure secure access of Linux servers across the Network.
- Handling and managing all the UCA and UOC services for PAN India circle.
- End to End troubleshooting for the issues related to OSS platform, Fault Management.

Technical Skills

Languages: Java, JavaScript, TypeScipt, Python, Shell, HTML, CSS
Technologies:Node.Js, Express.Js, JEST, React.Js, REST & SOAP API's, XML, JSON, Microservices, Spring Boot, Swing , J2EE, JDBC
Databases: MySQL, MongoDB, Cassandra, Redis
Others: Git, GitHub, Linux, CI/CD Pipeline, Postman, Eclipse, Visual Studio
Cloud: Google Cloud Platform, AWS, APIGEE
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, API, Agile Methodology, Cloud Computing, Data Structures & Algo., Object Oriented Programming
Inter-personal: Communication, Team Collaboration, Problem Solving, Adaptibility

Certifications

Google Cloud - Associate Google Cloud Engineer   Jan 2023

Achievements

Solved 550+ DSA questions on different Platforms like GeeksforGeeks, HackerRank, LeetCode etc.

Achieved 5-Star Golden Badge on HackerRank in Java, MySQL & Problem Solving.

Awarded as a Star Performer under ERS Champion for Best Performance