DIPENKUMAR GOHIL

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EDUCATION

The University of Texas at Dallas   **Richardson, TX, USA**
Master of Science, Computer Science   *Aug 2022 - May 2024*

Gujarat Technological University   **Ahmedabad, Gujarat, India**
Bachelor of Engineering, Information Technology   *June 2018 - May 2022*

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, JavaScript, HTML/CSS, TypeScript, Go
Frameworks: Spring Boot, React, Node.js, Express.js, Django, Flask, Hibernates, MVC Framework, Maven
Databases: SQL, MySQL, MongoDB, PostgreSQL, SQL Server, Oracle, DynamoDB, Firebase
Tools: Git, Docker, AWS, Jenkins, RESTful APIs, Heroku, Microsoft Azure, Nginx, Postman, Apache Kafka, Tableau, Microsoft PowerBI, GitLab CI/CD, JUnit, Mockito, Apache Spark, JIRA
Soft Skills: Innovative, Collaborative, Communication Skills, Solving complex problems, Leadership skills.

WORK EXPERIENCE

Software Engineer
Motorola Solutions, Allen, Texas   *Dec 2023 - May 2024*

- Programmed automation solutions using Python and Bash scripting, reducing audit workload by 25% and boosting team productivity by 40%, and developed user interfaces for 10+ automation tasks using the StreamLit framework, increasing task efficiency by 20%.
- Organized and enforced CI/CD pipelines using AWS services, reducing deployment time by 30% for over 50 deployments per month, and leveraged Docker for application containerization, enhancing deployment efficiency by 35% across diverse environments.
- Confronted JIRA to manage over 200 production issues, conducting root cause analysis and achieving a 30% reduction in error logs, and enhanced client satisfaction by resolving issues promptly, leading to a 25% improvement in service ratings.

Python Developer
Genpact, Ahmedabad, India   *Aug 2021 - July 2022*

- Designed and implemented a backend optimization strategy for a headless e-commerce platform using Flask and FastAPI, and deployed 30 custom Python functions and Docker containers, achieving a 25% reduction in server response time and a 35% improvement in site reliability and operational efficiency.
- Employeed advanced MySQL query optimization techniques, resulting in a 30% decrease in data retrieval time, and this improvement enhanced user experience and increased customer satisfaction metrics by 20%.
- Operated React for the front end and Node.js for backend APIs, achieving a 40% improvement in response time, and this optimization enhanced overall website performance and boosted user engagement by 25%.

Software Developer
Santa Softech, Ahmedabad, India   *Month Year - Month Year*

- Contrived a Java-based auto-emailing application to optimize marketing operations, yielding a 15% improvement in team productivity by streamlining communications and automating email processes for over 500 campaigns.
- Guided investigations and evaluations of five SQL database upgrades, successfully reducing overhead costs by 30% improving financial operational efficiency by 25%, and enhancing system performance by implementing optimized database solutions.
- Leased Postman for rigorous testing of 15 APIs, achieving 100% operational efficiency, and enhanced user experience and system reliability by reducing API-related issues by 20% through thorough validation and troubleshooting.

PROJECTS

- **Employee Payroll System**, Developed an Java app for HR administrators to add employee details, calculate salaries, and generate payrolls. Utilised Java Collections for efficient storage and retrieval of employee records, enhancing data organisation.
- **Expense Tracking Application**, Constructed an expense tracking web app using MERN stack while including all of CRUD operations in the app. Revised the application sustainability by deploying it on Microsoft Azure