Smit Panchal

 Portfolio   ✉ career.smit.panchal@gmail.com   📞 (226) 899-6632   in Panchal-Smit   ⊙ SmitPanchal1999

SUMMARY

Diligent Software Engineer with 3 years of Full Stack Development and Network Automation expertise. Proficient in React, Angular, Python, Javascript, NodeJS, SQL/NoSQL, GCP, AWS, Kubernetes, and Kafka. Exceptional track record of leveraging problem-solving, leadership, and interpersonal skills to propel projects toward success.

EDUCATION

Master Of Applied Computing | Wilfrid Laurier University, Waterloo, ON | GPA:4/4   *Sep 2022 – Jun 2024*
B.Tech, Computer Engineering | Dharmsinh Desai University, Nadiad, India   *Sep 2017 – Apr 2021*

WORK EXPERIENCE

Software Automation Developer Co-Op | Nokia, Ottawa, ON   *May 2023 – Aug 2023*
- Developed an automation platform using React, Python, and SQL, reducing infrastructure setup time from weeks to 15 minutes, increasing operational efficiency by 95%, and enhancing demos, PoCs, and the sales cycle by 60%.
- Spearheaded the development of a **network data extraction and transfer solution** using Python, Shell, Ansible, and Podman, boosted monitoring efficiency by 40%, and enhanced network performance across production sites.

Software Engineer | Rapidops Inc, Ahmedabad, India   *Dec 2020 – Aug 2022*
- Led the design and development of key Salesmate CRM features using Python, Javascript, Node.js, MySQL, GCP, and Kafka, including Meeting Scheduler, Activity Reminder, Integrated Texting and Calling, and more functionalities.
- Developed **REST APIs, Cron-jobs, Pub/Sub**, and optimized database queries within **Microservices** architecture.
- Migrated databases of over **6500 companies** to enhance scalability with 100% accuracy.
- Delivered **24/7 customer support** in promptly addressing and resolving issues in the production environment.
- Managed Docker deployments, Kubernetes orchestration, CI/CD pipelines, and debugging through log analysis.
- Adhered to Clean Code Architecture, **Unit & Integration Testing with 100% Test Coverage** using Cucumber, and **API testing using Postman**, reducing post-launch issues by 90% and improving system reliability and maintainability.

Software Engineer Intern | Nifty Solutions, Vadodara, India   *Jan 2020 – Jun 2020*
- Mastered a diverse range of technologies, including React, Angular, Java, Python, NodeJS, MySQL, MongoDB, AWS, Kafka, Kubernetes, Docker, and many more through rigorous coursework, and consistently achieved top results.
- Demonstrated expertise through presentations and hands-on projects, such as a User Management System, an intuitive **Tree View File Structure**, and the innovative **HealthCard** platform for managing health data.

SKILLS

Programming Languages	Python, Java, C, C++, C#
Web Technologies	HTML, CSS, Javascript, Typescript
Frameworks	Node.js, React, Angular, Kubernetes, Docker, Kafka, Microservices, Selenium
Databases	MySQL, Oracle, MongoDB, CockroachDB, SQL Server, Elasticsearch
DevOps and Automation Tools	Ansible, CucumberJS, Git, Postman, Jenkins, Linux, JIRA
Cloud Platforms	Amazon Web Services (AWS), Google Cloud Platform (GCP)

PROJECTS

Stock Price Prediction using ARIMA and LSTM | *Python, Pandas, NumPy, Matplotlib, TensorFlow*   GitHub
- Solely developed and implemented ARIMA and LSTM models for stock price prediction of Apple, Tesla, and Google, applied Exploratory Data Analysis (EDA), and generated visually insightful **Prediction Graphs**.

CloudDriven - Digital Storage and Secure Sharing | *Angular, Node.js, Express, MongoDB, AWS*   GitHub
- A cutting-edge Personal Storage solution enables users to upload, download, and share files securely.
- Incorporated a custom-made user-friendly folder structure and introduced QR code functionality for file sharing.
- Integrated a sophisticated **Chatbot** to enhance user interaction and system comprehension.

Helping Hands - Emergency Help and Safety Mobile Application | *Android Studio, Java, Firebase*   GitHub
- A life-saving Android Mobile application, dedicated to providing immediate assistance during critical situations.
- Empowered users to promptly communicate their emergencies and automatically notify nearby volunteers with live user locations via **Google Maps APIs**, enhancing real-time responses and fostering community support.

ACHIEVEMENTS

HackerRank Intermediate Problem Solving Certified   HackerRank
- Acquired advanced proficiency in Data Structures like **HashMaps, Stacks, Queues, Trees, Graphs**, and Algorithms.