Smit Panchal

Waterloo, ON N2L 4T1, Canada

Live-Portfolio | smit.1999.panchal@gmail.com | (226) 899-6632 | **in** Panchal-Smit | ○ SmitPanchal1999

PROFESSIONAL EXPERIENCE

Software Developer Co-Op | Nokia (Ottawa, ON)   **05/2023 - 08/2023**
- Developed and tested network automation scripts using Ansible and Python automation tools to support the SDN & Automation team optimizing network provisioning and configuration processes.
- Led PM Counters project from requirement gathering to deploying on the various sites including production.
  - Extracted critical system, memory, and CPU data from network switches.
  - Established a robust, secure data transfer process to a Linux OS, resulting in meticulous remote server storage, enhanced system monitoring capabilities, and improved network performance.

Software Engineer | Rapidops Solutions Pvt Ltd (Ahmedabad, GJ)   **07/2021 - 07/2022**
- Leading software developer in the design & development of major Salesmate - CRM features, including a dynamic meeting scheduler, activity reminder, and built-in texting & calling with JavaScript and NodeJS.
- Responsible for thorough requirement gathering, contributing to the entire software development lifecycle, from coding/implementation to ongoing maintenance of Microservices, REST APIs, and Cron-jobs.
- Migrated text & calling database of over 6500 companies from MySQL to CockroachDB to enhance scalability.
- Provided proactive client support for production, addressing and resolving issues promptly to ensure smooth operations and client satisfaction.
- Adhered to clean code architecture and comprehensive testing using CucumberJS, reducing post-launch issues by 70% and improving overall system reliability and maintainability.

Software Engineer Intern | Rapidops Solutions Pvt Ltd (Ahmedabad, GJ)   **01/2021 - 06/2021**
- Mastered a diverse range of web technologies, including NodeJS, React, Angular, CockroachDB, MySQL, Elasticsearch, Kubernetes, and others, through rigorous coursework, consistently achieving top results.
- Demonstrated expertise through presentations and hands-on projects, including a User Management System, an intuitive Tree View File Structure, and the innovative HealthCard platform for managing health data online.

SKILLS

Programming Languages	C, C#, C++, Java, Python
Web Technologies	HTML, CSS, Javascript, Typescript, PHP
Cloud Platforms	Amazon Web Services (AWS), Google Cloud Platform (GCP)
Software, Tools & OS	Git, Ansible, Postman, CucumberJS, Linux, Docker, Apache Kafka, Podman
Databases	MySQL, CockroachDB, Elasticsearch, MongoDB, Oracle, PostgreSQL
Frameworks	Rest APIs, Microservices, React, Angular, NodeJS, Vue, Kubernetes, Django

EDUCATION

Master Of Applied Computing | Wilfrid Laurier University - GPA - 4/4 (Waterloo, ON)   **09/2022 - 12/2023**

B.Tech, Computer Engineering | Dharmsinh Desai University - CGPA: 7.72/10 (Nadiad, GJ)   **09/2017 - 04/2021**

PROJECTS

Helping Hands - Emergency Help and Safety System | Android Studio, Java, Firebase   GitHub
- A life-saving Android 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, enhancing real-time responses and fostering community support.

CloudDriven - Personal Digital Storage and Secure Sharing | MEAN Stack, Heroku, AWS   GitHub
- A cutting-edge Personal Storage solution enables users to upload, download, and share files securely.
- Incorporated a user-friendly folder structure and introduced QR code functionality for effortless file sharing.
- Integrated a sophisticated Chatbot to enhance user interaction and system comprehension.

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, showcasing proficiency in Statistical and Deep Learning approaches.
- Applied Exploratory Data Analysis (EDA) and generated visually insightful Prediction Graphs.

ACHIEVEMENTS

Hackerrank Intermediate Problem Solving Certified   Hackerrank
- A standardized assessment aimed at evaluating problem-solving technical proficiency.

Hackerrank Gold Level Badge with 6 stars in Problem-Solving & 5 stars in Python   Hackerrank
- Solved 100+ challenges, each demanding a comprehensive understanding of various Data Structures and Algorithms. Resolved problems to enhance proficiency in programming with Python.

CodeChef Online Competitive coding platform - 3 stars (1615 rating)   CodeChef
- Hosts online competitive coding contests and awards ratings based on performance.