

Smit Panchal

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 [Live-Portfolio](#)

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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.

Jr. Software Engineer | [Rapidops Solutions Pvt Ltd](#) (Ahmedabad, GJ)

07/2021 - 07/2022

- Developed major Salesmate - Customer Relationship Management Software features, including a dynamic meeting scheduler, activity reminder, and built-in calling & texting with JavaScript and NodeJS.
- Implemented a versatile meeting rescheduling solution, accommodating diverse meeting types with the Factory Design Pattern, significantly increasing customer satisfaction.
- Migrated text & calling database of over 6500 companies from MySQL to CockroachDB to enhance scalability.
- 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 using Google Maps to automatically notify nearby volunteers with live user locations.

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, facilitating seamless file management.
- Introduced QR code functionality for effortless, scan-based 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) including moving averages and correlation between daily returns.
- Created visually insightful Prediction Graphs for the Adj. Closing Price of stocks.

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.