

Smit Panchal

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SUMMARY

Dynamic Software Engineer with 2+ years of expertise in Full Stack Development and Network Automation. Expert in React, Angular, Python, Javascript, NodeJS, MySQL, MongoDB, GCP, Kubernetes and Kafka. Proven track record of enhancing efficiency and scalability, leading high-impact projects, and driving innovation. Exceptional problem-solving skills, committed to clean code, and adept at uniting technical and non-technical teams in fast-paced, agile environments.

WORK EXPERIENCE

Software Developer Co-Op | [Nokia](#), Ottawa, ON

May 2023 – Aug 2023

- Developed an automation platform (React, Python), reducing infrastructure setup time from weeks to 15 minutes, increasing operational efficiency by 95%, and significantly enhancing demos, PoCs, and the sales cycle.
- Spearheaded the development of a network data extraction and transfer solution (Python, Ansible, Podman), boosted monitoring efficiency by 40%, and enhanced network performance across **production** sites by securely transferring critical system data.

Software Engineer | [Rapidops Inc.](#), Ahmedabad, India

Jul 2021 – Aug 2022

- Led the design and development of key [Salesmate CRM](#) features using Angular, JavaScript, NodeJS, GCP, and Kafka, including a dynamic meeting scheduler, activity reminder, and integrated texting and calling functionalities.
- Implemented REST APIs, Webhooks, Cron-jobs, and optimized database queries within **Microservices** architecture.
- Successfully migrated databases of over **6500 companies** from MySQL to CockroachDB to enhance scalability.
- Managed Docker deployments, Kubernetes orchestration, CI/CD pipelines, and debugging through log analysis.
- 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 Inc.](#), Ahmedabad, India

Dec 2020 – Jun 2021

- Designed and implemented a User Management System (Javascript, NodeJS, Elasticsearch, Angular) and a **Tree View File Structure** (NodeJS, EJS, JQuery, MongoDB), improving data handling by 30% and user navigation by 40%.
- Developed the **HealthCard** platform (MongoDB, Express, Angular, NodeJS) for efficient online health data management, resulting in a 50% improvement in data accuracy and enhanced accessibility for healthcare information.

SKILLS

Programming Languages

Python, Java, C, C++, C#

Web Technologies

HTML, CSS, Javascript, Typescript

Frameworks

NodeJS, .NET, React, Angular, Kubernetes, Docker, Rest APIs, Kafka, Microservices

Databases

MySQL, Oracle, MongoDB, CockroachDB, SQL Server, Elasticsearch, Redis

DevOps and Automation Tools

Ansible, CucumberJS, Git, Postman, Jenkins, Linux, JIRA, Terraform

Cloud Platforms

Amazon Web Services (AWS), Google Cloud Platform (GCP), Azure Cloud

EDUCATION

Master Of Applied Computing | [Wilfrid Laurier University](#), Waterloo, ON | GPA:11.6/12

Sep 2022 – Apr 2024

B.Tech, Computer Engineering | [Dharmsinh Desai University](#), Nadiad, India | CPI:7.8/10

Sep 2017 – Apr 2021

PROJECTS

CloudDriven - Personal Digital Storage and Secure Sharing | [Angular](#), [NodeJS](#), [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 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.

ACHIEVEMENTS

Hackerrank Intermediate Problem Solving Certified

[Hackerrank](#)

- Acquired advanced proficiency in **Data Structures** like HashMaps, Stacks, Queues, and **Algorithms**.

CodeChef Online Competitive coding platform - 3 stars (1615 rating)

[CodeChef](#)

- Hosts online competitive coding contests and awards ratings based on performance.