Smit Panchal

💼 Portfolio   ☎ 226-899-6632   ✉ smit.1999.panchal@gmail.com   in Panchal-Smit   ⚙ SmitPanchal1999

SKILLS

Specializations	Software Development, Full Stack Web Development, Network Automation
Programming Languages	Python, Java, C#, C++, Shell Scripts, Bash
Web Technologies	HTML, CSS, Javascript, Typescript
Frameworks	NodeJS, React, Angular, Kubernetes, Docker, Rest APIs, Microservices, Django
Databases	MySQL, MongoDB, CockroachDB, SQL Server, Elasticsearch, Redis
Software, Tools & OS	Ansible, Android Studio, CucumberJS, Git, Postman, Jenkins, Linux, Windows
Cloud Platforms	Amazon Web Services (AWS), Google Cloud Platform (GCP), Azure

---

WORK EXPERIENCE

Software Developer Co-Op | Nokia (Ottawa, ON)   *May 2023 – Aug 2023*

- Developed an automation platform using React and 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 using Python, Ansible, and Podman, boosted monitoring efficiency by 40%, and enhanced network performance across production sites by securely transferring critical system data.

Software Engineer | Rapidops Solutions (Ahmedabad, India)   *Jul 2021 – Aug 2022*

- Led the design and development of key Salesmate CRM features, including a dynamic meeting scheduler, activity reminder, and integrated texting and calling functionalities, utilizing Angular, JavaScript, and NodeJS.
- Implemented REST APIs, Webhooks, Cron-jobs, and optimized database queries within a Microservices architecture.
- Leveraged Kubernetes for deployments and debugging using log analysis, while contributing to the entire Agile SDLC.
- Successfully migrated databases 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 (Ahmedabad, India)   *Dec 2020 – Jun 2021*

- Mastered a diverse range of technologies, including Python, Java, Javascript, NodeJS, MySQL, MongoDB, GCP, AWS, Kafka, Docker, Kubernetes, and many more through rigorous coursework, and consistently achieving top results.
- Demonstrated expertise through presentations and hands-on projects, such as a User Management System, an intuitive Tree View File Structure, and the HealthCard platform for managing health data online. See the projects

---

EDUCATION

Master of Applied Computing | Wilfrid Laurier University (Waterloo,ON) | GPA:11.6/12   *Sep 2022 – Jun 2024*

B.Tech, Computer Engineering | Dharmsinh Desai University (Nadiad,India) | CPI:8.0/10   *Sep 2017 – Apr 2021*

PROJECTS

CloudDriven - Personal Digital Storage and Secure Sharing | *MEAN Stack, Heroku, AWS*

- 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.

Helping Hands - Emergency Help and Safety System | *Android Studio, Java, Firebase*

- 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.

C & C++ Programming Language Certification   *Certificate*

- Completed C & C++ programming languages course by an ISO 9001-certified company, Itronix Solutions.

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

- Participated in online competitive coding contests and solved over 100 problems to attain top ratings.