Smit Panchal

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SUMMARY

Diligent Software Developer with 3 years of expertise in Full Stack Development. Proficient in React, Angular, Python, Javascript, NodeJS, MySQL, MongoDB, GCP, Kubernetes, and Kafka. With a demonstrated ability to adapt to new technologies and an exceptional record of inspiring teams through effective communication and leadership.

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:8/10   *Sep 2017 – Apr 2021*

WORK EXPERIENCE

Software Automation 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 Inc., Ahmedabad, India   *Jul 2020 – Jul 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.
- Provided proactive client 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 and comprehensive testing using CucumberJS, reducing post-launch issues by 70% and improving overall system reliability and maintainability.

Software Developer Intern | Nifty Solutions, Vadodara, India   *Jan 2020 – Jun 2020*
- Mastered a diverse range of technologies, including Java, Javascript, NodeJS, MySQL, MongoDB, Elasticsearch, Kafka, Docker, Kubernetes, 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, PHP, Javascript, Typescript
Frameworks	NodeJS, React, Angular, Kubernetes, Docker, Rest APIs, Kafka, Microservices, Flask
Databases	MySQL, Oracle, MongoDB, CockroachDB, SQL Server, Elasticsearch, GraphQL
DevOps and Automation Tools	Ansible, CucumberJS, Git, Postman, Jenkins, Linux, JIRA
Cloud Platforms	Amazon Web Services (AWS), Google Cloud Platform (GCP)

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 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.

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.

ACHIEVEMENTS

HackerRank Intermediate Problem Solving Certified   HackerRank
- Acquired proficiency in advanced data structures and algorithms by solving 100+ challenges using **Python**.