

Yash Sahsani

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TECHNICAL SKILLS

Languages: Python, C, C++, Java, JavaScript, React, Node.js, Typescript, Next.js, Springboot, Flask, Django, Shell Scripting

DevOps/Tools: LINUX, GCP, AWS, Azure, REST API, Restful Services, SDLC, Jenkins, GIT, Docker, JSON, Terraform

DBs/Web Dev: HTML, CSS, PHP, MySQL, MongoDB, PostgreSQL

Soft Skills: Agile/Waterfall, Analytics, Collaboration, Research & Performance Optimization, Parallel programming

Certification: Google Cloud Platform(GCP) Certified Associate Cloud Engineer

EDUCATION

University of Windsor

Windsor, Ontario

Master of Applied Computing (Currently Pursuing)

Graduation Date: Apr 2025

Charotar University of Science and Technology

Gujarat, India

Bachelor of Technology in Information Technology

Graduation Date: May 2022

WORK EXPERIENCE

Techwondoe

Hyderabad, India

Software Development Engineer

Jan 2022 - Apr 2024

- Hands-on expertise in Python, Javascript, Typescript, GCP Cloud, Docker, Git, Git lab CI, Terraform (CI/CD), Jira and GCP SQL, following best cloud & agile practices.
- Built & tested TypeScript for constructing multiple cloud services such as Cloud Run and Cloud Functions and deployed them using Infrastructure as Code (IaC) tools such as Terraform, on the Google Cloud Platform (GCP).
- Used Agile scrum methodology to provide guidance and direction as leader of the Production support team, ensuring stability and reliability of cloud services, minimizing downtime, and enhancing user experience.
- Implemented and managed the CI/CD pipeline to concurrently handle multiple cloud infrastructures (DEV, SIT, UAT), reducing deployment time by 60% and increasing deployment frequency by 100%.
- Collaborated closely with Business Analysts (BA) and other entities like Fiserv and LBmX in an agile manner to drive project success, ensuring alignment and achieving milestones on time and within budget.
- Led incident response team (production support), providing fast responses and temporary fixes during incidents, and implementing permanent fixes after identifying root causes.

Cilans Systems

Ahmedabad, India

Software Engineer Intern

Mar 2019 - Jan 2020

- Developed NodeJS chain code to implement private blockchain, demonstrating proficiency in blockchain technology and distributed systems.
- Developed hands-on expertise with NodeJs, Bash, Blockchain, Azure & Agile Methodologies.
- Engaged in Agile practices, participating in daily stand-up meetings, sprint planning, and retrospective meetings to improve team performance and product quality.
- Built and maintained a Hyper-Ledger-based marketplace for the sale of automobiles leveraging Azure Cloud Services.
- Leveraged a CI/CD YAML script to automate project deployment on Azure Cloud via GitHub Actions.

PROJECT EXPERIENCE

University of Windsor

Windsor, ON

MERNify Market

- Developed a user-friendly e-commerce website using MERN stack. Utilized MongoDB for flexible data storage, Express.js for server-side application building, React.js for dynamic UI components, and Node.js for server-side logic.
- Performed implementation of user registration, product catalog, shopping cart, checkout, and secure payment gateway integration.
- Ensured high performance, security, scalability, accessibility, and reliability for a seamless user experience.

Sky-Spectra

- Created desktop software for price analysis of Flights using Java, Selenium, Data Structures, and Algorithms.
- Experimented with multiple Data Structures and Algorithms Linked List, Queue, Hash-Map, and Dijkstra. Optimized efficient search of valid words using Trie data structure.
- Analyzed the usage of spelling correction and auto-suggestion algorithm based on edit distance for suggestions & extracted data via web scraping from websites similar to Skyscanner.

Cilans Systems

Ahmedabad, India

YoutubeNLP

- Applied NLP to segment YouTube videos according to emotional content, thereby gaining expertise in Python, PowerShell, Vercel, FastAPI, NLP, GitHub, and ML algorithms.
- Developed micro-service architecture and deployed APIs via Docker to enhance scalability and maintainability & developed vercel for frontend and backend built with Fast API.
- Utilized fast-API in Python to construct asynchronous REST API & incorporated GitHub Actions for seamless CI/CD integration.

LINKS

GitHub: <https://github.com/YashSahsani>