Tejas Kumar Jaiswal

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SUMMERY

Results-oriented Software Development Engineer with over 5 years of experience. Demonstrated expertise in backend development, cloud computing, and DevOps. Enthusiastic about creating scalable and efficient code, with a solid understanding of system design and architecture.

EXPERIENCE

Deloitte Touche Tohmatsu India LLP, Delhi — *Consultant*

FEBRUARY 2022 - PRESENT

Spearheaded backend development projects utilizing **Python**, **Flask, PostgreSQL**, and **Redis**, delivering robust and scalable solutions.

Contributed to a **microservices architecture** project, designing and implementing **RESTful APIs** for seamless communication between services.

Leveraged **AWS** services, including **SNS**, **SQS**, and **S3**, optimizing system performance and reliability.

Automated **Continuous Integration** and **Continuous Deployment** (**CI/CD**) processes using **Azure DevOps** pipelines and **CloudFormation** templates, ensuring swift and reliable software delivery.

Engineered wrappers for common tasks (**messaging, logging, storage, caching, and authentication**) by applying **SOLID** principles and Object-Oriented **Design Patterns**, enhancing code reusability and maintainability.

Implemented **gRPC** with **Protobuf**, optimizing data transfer speed and efficiency.

Collaborated with cross-functional teams to design and implement solutions that met project requirements and industry best practices.

Received recognition for developing reusable wrappers, significantly reducing development time for common functionalities and improving code consistency.

Received recognition for optimizing Protobuf message size using zlib compression.

Tata Consultancy Services, Kochi, Kerala — *System Engineer*

NOVEMBER 2018 - FEBRUARY 2022

Automated use-cases provided by diverse infrastructure support teams, optimizing operational efficiency.

Utilized **Ansible** as an orchestration engine, streamlining deployment and configuration management processes.

Developed **PowerShell** and **Bash** scripts for Server Configuration Management, ensuring seamless operations for both **Windows** and **Unix**-based servers.

Implemented containerization using **Docker**, enhancing application portability and scalability.

Proficiently utilized **Git** for Source Code Version Control, ensuring collaboration and version tracking.

Engineered web applications based on **Django** and designed **REST APIs** using **Django Rest Framework**.

Contributed to an AI-based project, specializing in **Natural Language Processing** (NLP) using **Scikit-Learn**, **Spacy**, **Pandas**, **Numpy**, and other **Python** libraries.

Automated report generation processes using **Python**, providing timely insights to stakeholders.

Managed **Windows/Unix** server configurations and patch deployments through **BMC TrueSight Server Automation**.

Demonstrated expertise in working with various databases, encompassing **SQL** (**MySQL**, **PostgreSQL**, **MS SQL**) and **NoSQL** (**MongoDB**).

Received commendation for the effective implementation of automation solutions, resulting in enhanced productivity within the infrastructure support teams.

EDUCATION

Bhai Parmanand Institute of Business Studies, Delhi — *Graduation*
AUGUST 2015 - JULY 2018

CGPA 9.112

Greenway Modern School, Delhi — *12th CBSE*
JULY 2012 - MARCH 2014

Secured 75% aggregate marks with 73 in Mathematics and 94 in English.

City Convent Secondary School, Delhi — *10th CBSE*
JULY 2002 - MARCH 2012

Secured 8.8 CGPA

SKILLS

Python, JavaScript, CI/CD, Docker, Kubernetes, Microservices, AWS, Azure, Rabbit MQ, ActiveMQ, PostgreSQL, MySQL, MongoDB, RESTful APIs, gRPC, Protobuf, GraphQL, Machine Learning, Databricks, Git, YAML, JSON, Flask, Django, skLearn, Data Structures and Algorithms (DSA), System Design and Architecture, Linux, Bash, PowerShell