Archit Gupta

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Professional Summary

Experienced Software Engineer specializing in Java, Spring Boot, and cloud-native development. Skilled in building scalable microservices, cloud deployments, and optimizing cloud infrastructure. Passionate about AI-driven automation and enhancing developer productivity through efficient solutions.

Technical Skills

- **Programming Languages**: Python, Java, Shell Script, SQL.
- **DevOps and Cloud**: Docker, GIT, AWS EC2, AWS Lambda, AWS S3, AWS Textract, AWS Comprehend, AWS Cognito, AWS Rekognition, AWS Sagemaker, AWS SQS, AWS Cloudwatch.
- **Software and Web Development**: React, JavaScript, Flask, Typescript,Node, SOAP, Springboot, D3.js
- **Databases**: MongoDB, Dynamo DB, PostgresSQL, Oracle DB
- **Tools**: Jira, Maven

Experience

Bohamo (Startup) - Technical Intern, Newyork   05/2024 – 08/2024

- Led the development of a Python-based data annotation pipeline, integrating pre-labeled datasets with Labelbox to streamline workflows and reduce manual effort by 70%.
- Integrated **Stripe API** with a **React** frontend to enable secure and seamless payment processing, improving transaction reliability and enhancing the customer experience.Utilized developer tools to debug and resolve software issues

Freshgravity - Full-Stack Developer, India   11/2022 – 06/2023

- Collaborated with clients to address data anomalies and enhance data security, ensuring the accuracy and reliability of large-scale identity systems.
- Created User Interface for the Domaq tool, adhering to agile methodologies. Utilized **Python** and **Flask** for the front-end, along with lxml for XML data parsing, reducing schema migration time by 80%.

IBM - Backend Software Developer, India   03/2022 – 11/2022

- Engineered back-end integration with NetSuite by converting database data into XML using the **JAXB framework**, ensuring seamless data handling. Configured post-save button validations, reducing data errors by 15%.Collaborated with a cross-functional team to design validation workflows

ZS Associates - Business Technology Solution Associate, India   08/2021 – 03/2022

- Built and refined dashboards using C360, improving user experience by 30%, and automated tasks using Active VOS workflows. Configured match rules to streamline business processes

Wipro Technologies - Software Engineer, India   06/2019 – 08/2021

- Utilized **JavaScript** for the user interface, implementing validations for user input to improve data quality by 25%, and improved database performance by 30% through indexing.
- Executed **ETL workflows using PowerCenter** for data processing(60GB of data), improving data mastering efficiency by 20% through partitioning logic and caching implementation.

Academic Projects

MailMaster with AWS   08/2024 – 12/2024

- Designed and deployed microservices architecture on AWS incorporating **AWS Cognito** for secure user authentication, **AWS SQS** for asynchronous processing, and **AWS SageMaker** to implement AI-powered job email segregation improving applied job searches for over 50+ users.

SecurePay Transaction System   1/2025 – Present

- Developed secure transaction APIs using **Java** and **Spring Boot**, leveraging **JWT tokens for authentication**. Implemented password encryption using Bcrypt and robust data security standards to handle real-world transactions, improving scalability and reliability.

Education

NewYork University (Master of Computer Science), New York, NY, USA   08/2023 - 05/2025