Archit Gupta

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Education

New York University (Master of Computer Science), New York, NY, USA	08/2023 - 05/2025
VIT University (BTech EEE), Chennai, Tamil Nadu, India	08/2015 - 06/2019

Technical Skills

- **Languages**: Python, Java, Javascript, Shell Script, SQL.
- **Databases**: MongoDB, Dynamo DB, PostgresSQL, Oracle DB, Mysql
- **Technologies & Tools**: Jira, Trello, Git, Docker, Kubernetes, Spark, Kafka, AWS
- **Frameworks & Libraries**: Springboot, Maven, React, Flask, CloudFormation, HTML, CSS

Experience

Bohamo, New York, NY - Technical Intern 05/2024 – 08/2024

- Designed and implemented a Python-based data annotation pipeline, integrating pre-labeled datasets with Labelbox to automate data preprocessing, improve annotation workflows, enhancing efficiency by 70%.
- Developed a seamless payment system by integrating Stripe API with React, ensuring secure transactions and improved reliability. Addressed 20+ bugs, enhancing the customer experience.
- Led multiple teams, aligning development, design, and operations to optimize workflows and streamline processes. Managed task coordination using Trello, ensuring timely delivery and successful project execution.

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

- Spearheaded Research and Development of a migration tool for MDM systems, reducing manual effort by 80%. Built a Spring Boot solution using advanced data structures to parse XML and convert it into metadata, enabling seamless configuration transfers.

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

- Resolved critical JavaScript bugs in IBM MDM related to data integration with NetSuite, improving data accuracy and system reliability. Addressed 30+ open tickets and collaborated with cross-functional teams to ensure smooth and timely production deployments.

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

- Enhanced the C360 dashboard by customizing charts using JavaScript and D3.js, addressing user dissatisfaction with missing summaries and resolved 25+ dashboard-related bugs to improve functionality and user experience.
- Conducted training for 30+ team members on data mastering and initiated Fun Fridays to enhance team engagement and collaboration.

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

- Rectified integration bugs in SIT by identifying and correcting mismapped fields across seven systems using Java and Spring Boot, ensuring accurate data retrieval and enhancing system efficiency by 30%.
- Architected an automated file processing system using Bash scripting and Spring Boot to streamline data loading into landing tables, boosting efficiency by 70%. Strengthened security by integrating SSO with Okta, decreasing unauthorized access attempts by 80%.
- Crafted test cases as a reference for the testing team, boosting productivity by 60%, and contributed to the team's recognition as an Alpha Best Team, showcasing excellence in collaboration and problem-solving.

Projects

MailMaster with AWS - New York University 08/2024 – 12/2024

- Built a comprehensive job application system using AWS Cognito, SageMaker, Lambda, and DynamoDB, integrated personalized job recommendations, application tracking, and chatbot functionality to efficiently manage and track applications submitted through multiple Gmail accounts.

SecurePay Transaction System 01/2025 – 01/2025

- Developed an API using Java and Spring Boot to store transaction data in MongoDB and leveraged JWT token authentication for secure user login.

Cloud-Native Task Management Application - New York University 08/2024 – 09/2024

- Spearheaded the containerization and deployment of a task management app using Flask and Docker on Minikube and AWS EKS. Configured Kubernetes for seamless scaling and reliability with replication controllers and rolling updates.