

Abhishek Puppala

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SUMMARY

Software Engineer with 3 years of experience in building scalable cloud-native solutions and microservices. Proven track record in improving system performance by 35%, and achieving 90%+ release success rates.

PROFESSIONAL EXPERIENCE

Software Developer

May 2024 – Present

Adalitek group LLC

Texas, USA

- Developed and launched **Minimum Viable Products (MVPs)**, accelerating **product delivery timelines** by **16%** and enabling rapid iteration through **data-driven insights** and **direct customer feedback**.
- Established and managed a **developer portal**, enhancing developer experience through **clear value offerings**, resulting in a **19% growth in API integrations** and a **35% decrease in support queries**.
- Monitored and analyzed **API performance** by defining **KPIs(Key Performance Indicators)**, driving continuous product improvements that led to a **18% boost in customer satisfaction** and a **9% uplift in overall business growth**.
- Collaborated closely with an **Agile team** to maintain system stability and performance during a critical **4-week peak period, ensuring zero downtime** and uninterrupted user experience.
- Developed a backend **payment reporting dashboard** for **third-party sellers** to manage product data, real-time sales, commissions, and inventory units, improving **transparency by 35%** and cutting **manual efforts by 40%**.
- Automated generation of **weekly ledger sheets** using scheduled backend jobs, streamlining financial reporting for third-party sellers and reducing **manual effort by 60%**.

Software Developer

April 2021 – September 2022

Delhivery Pvt Ltd.

Hyderabad, India

- Enhanced front-end performance and improved layout stability across **internal logistics dashboards**, ensuring responsive user experience on multiple devices, contributed to an **8% increase in tool adoption** among business operations.
- Contributed to internal dashboard development using JavaScript and Bootstrap for financial and logistics reporting.
- Developed **microservices** for trip management and payment validation, improve **invoice generation efficiency by 25%**.
- Implemented batch scheduler for **daily ledger reports**, handling high-volume transactions with a **30% increase in throughput**.
- Built scalable **messaging APIs** integrated with **WhatsApp** that delivered real-time updates to over **40,000+** customers, **improving engagement by 30%** and reducing **support ticket volume by 15%** through faster communication.
- Designed a scalable ETL pipeline to **migrate 1M+ records** from a client's legacy database to DynamoDB, optimizing batch scheduling to reduce **execution time by 45%** and ensuring high data integrity with zero downtime.
- Designed AWS Lambda functions to handle **asynchronous payment status updates** and webhook events, improving **efficiency by 40%** and ensuring real-time consistency across payment microservices.

TECHNICAL SKILLS

Programming Skills: Microservice architecture, Object-Oriented, data structures and algorithms, linear programming and nonlinear optimization, **OS** (LINUX, UNIX, Windows).

DevOps & Cloud: **AWS** Lambda, Elasticsearch, CloudWatch, Jenkins, UCD, S3, GitHub, Bitbucket, JFrog, Fortify, Devtron, **Azure** (App Service, Container, App Register, SQL Database), Docker, Kubernetes, Kafka.

Frameworks & Libraries: REST, Django, Flask, Spring Boot, JUNIT.

Databases: SSMS, DynamoDb, PostGreSQL, MySQL, Oracle

Technologies: Java, Python, HTML5, CSS, JavaScript, REST API, Git, CI/CD, Agile methods, Shell Scripting, JIRA

PROJECTS

Basic Voice Assistant - [Github](#)

- Developed Python-based AI VoiceAssistant to automate desktop and web tasks, which includes launching applications.

ULFS System | *University Lost and Found System* - [Github](#)

- Developed Full stack Django app for reporting lost items in university using Azure.

Cricket Umpire Gesture Image Recognition - [Github](#)

- Developed a comparison between Neural networks models for 9 image gestures recognition using DJango based UI.

EDUCATION

University Of North Texas

Texas, USA

Masters in Data Science

B V Raju Institute Of Technology

Hyderabad, India

Bachelors in Computer Science

ACHIEVEMENTS AND CERTIFICATIONS

- Received a certificate and token of appreciation from CEO Amit Bansal for outstanding performance in Data Structures and Algorithms.