

SHASHANK SINGH

Software Developer

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in LinkedIn

Bangalore



EXPERIENCE

Maersk Bangalore, India
SDE-3 2025

- Built a low-latency ETL pipeline migrating data from Postgres and MongoDB through Kafka, using Flink and Spark to load into a new Postgres datastore with <500 ms end-to-end latency.
- Designed the underlying data analytics platform architecture to process millions of shipment events daily, optimizing compute and reducing infrastructure costs by 20% through strategic use of open-source components such as Dremio and Orbit.

JP Morgan Chase & Co. Bangalore, India
SDE-2 2024

- Built a high-performance transaction processing system handling 2B+ daily records using Kafka, Spark, and Hadoop, improving analytics performance by 25% and enabling fast ETL to S3 and Snowflake.
- Created 25+ production-grade Unix shell scripts for Linux-based Hadoop workflows, improving job reliability and reducing processing incidents by 93%, achieving 99.9% pipeline uptime.
- Mentored 3 interns on workflows and debugging, accelerating onboarding and project contribution.

JP Morgan Chase & Co. Bangalore, India
SDE-1 2022

- Managed five applications on active-active DR servers, improving failover speed by 30% and maintaining 99.99% availability.
- Developed 20+ Splunk alerts and Grafana dashboards for critical monitoring, reducing downtime by 55%.
- Migrated Spring Boot (v2→v3) and Java (v8→v11), resolving 15+ issues and boosting runtime performance by 20%.

JP Morgan Chase & Co. Bangalore, India
Summer Intern 2021

- Created a Selenium-based YouTube view-bot generating 500+ automated views daily for internal testing and behavioral analysis.
- Developed an interactive lending services prototype using AdobeXD, reducing redesign cycles through iterative user feedback.

EDUCATION

National Institute of Technology Bhopal, India
B.Tech in Computer Science 2018 - 2022

SKILLS



ACHIEVEMENTS

- AWS Cloud Certified (CLF-C01)**
Expertise in cloud fundamentals, including architecture, deployment, and operations within the AWS ecosystem.
- Won Code For Good Hackathon**
Selected for internship and won the 1st prize.
- Qualified for Google Code Jam & Facebook Hacker Cup**
- Inter School PowerPoint Competition**
Rank 1 for two consecutive years.
- Regional Mathematics Olympiad**
Rank 7 at state level.

PROJECTS

Panah Foundation - NGO
Python, Tkinter

- Developed an interactive SMS application using Python and Tkinter to send verification status updates to users, ensuring seamless communication.
- Built a web application for the NGO during a 24-hour hackathon, demonstrating rapid development skills and the ability to deliver under tight deadlines.

Website

Next.js, React, Tailwind CSS, TypeScript

- Developed a personal portfolio website using Next.js and Tailwind CSS, achieving a 90+ Lighthouse performance score and reducing load time to under 2 seconds.
- Deployed the portfolio on Vercel, ensuring 99.9% uptime, mobile responsiveness across 10+ screen sizes, and improved SEO with a Google PageSpeed score of 90+.