

SHASHANK SINGH

Software Developer

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in LinkedIn



EXPERIENCE

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

- Designed and implemented a high-performance financial transaction processing system handling **2B+ daily records** using **Kafka, Spark, and Hadoop**, achieving a **25%** analytics performance boost. Developed data pipelines to efficiently publish processed data from **Hadoop to S3 and Snowflake** for scalable storage and analytics.
- Diagnosed and corrected critical flaws in **Unix shell scripts** for **Linux servers**, improving **Hadoop data processing reliability**, reducing incidents by **93%**, and achieving **99.9%** uptime.
- Mentored **3 interns** on application development, operational workflows, and debugging techniques, leading to faster onboarding and project contribution.

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

- Configured & maintained five applications on disaster recovery servers with **active-active architecture**, implementing load balancers and failover scripts to ensure **99.99% availability** and **reduce failover time by 30%** for encrypted transactions.
- Developed **20+ Splunk alerts** and **Grafana dashboards** to monitor critical services and **reduce downtime by 55%**.
- Executed the migration of **Spring Boot (v2 to v3) & Java (v8 to v11)**, resolving **15+ compatibility issues** and improving application runtime efficiency by **20%**.

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

- Built and deployed a **Selenium-based View-Bot for YouTube**, automating **500+ views daily** for controlled testing scenarios, showcasing **automation capabilities** and identifying video content behavior patterns.
- Designed an interactive **prototype for lending services** using **AdobeXD**, incorporating feedback-driven design principles to reduce prototype revision cycles.
- Created a functional Chase Homepage clone for internal testing environments using **Cucumber and Java**, enabling end-to-end testing scenarios and reducing testing setup time by **20%**.

EDUCATION

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

LANGUAGES

English
Hindi



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**.

Online Judge

Python, BeautifulSoup4

- Created an online judge platform for competitive programming using **Python** and **BeautifulSoup4**, integrating a college leaderboard for performance tracking.
- Developed a **Python script** to extract and validate over **1,000 programming questions** from GeeksforGeeks, automating content curation for the online judge platform.

HOBBIES

