Asha Shankar

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ACHIEVEMENTS

- **16+** years of programming experience
- **10+** years of experience in Retail, Payments and Supply Chain domains

SKILLS

PROGRAMMING

PROFICIENT
- Java • Data Structures and Algorithms

FAMILIAR
- SQL Server • HBase
- Kafka • Microservices • Unix tools and Shell scripting • GIT • AngularJS

EDUCATION

BACHELORS OF ENGINEERING IN ELECTRONICS AND COMMUNICATION
SRSIT | June 2005 | Bangalore, India

EXPERIENCE

APPLE | SENIOR SOFTWARE ENGINEER
Oct 2023 - Present | Cupertino, CA

- Developed from scratch a payment driver for Apple stores handling over 100,000 credit card transactions per day.
- Developed micro-services that handle over 10,000 transactions per second for Payment, Tender and Store management.
- Reviewed pull requests for our team by catching and identifying any bugs in code as well as business flows.
- Mentored 2 engineers so as to optimize system performance and improve code quality.
- Achieved 80% test coverage with Junits.
- Lead and drove production release for new store opening day contributing to over 100000$ worth sales on day one.

INFOR | PRINCIPAL SOFTWARE ENGINEER
Dec 2012 – June 2023 | Oakland, CA

- Designed & developed milestone system that dynamically match millions of supply chain updates each day to millions of customer's shipments and orders.
- Re-architected and moved shipments system from relational database to HBASE. Aggregate queries improved by over 50%. Got promoted to Module lead for exceeding company goals for this project.
- Developed a UI Grid layout for customers to view the milestones from HBASE, making it easy to perform aggregate queries.
- Worked with UI team to define and design UI services that forms a bridge to new and legacy systems. This enabled to support both legacy and new customers.
- Having deep domain knowledge of Supply chain and Transportation industry. Able to provide scalable and efficient designs to Product managers.
- Worked on critical production issues, worked on query optimizations and improving the performance by 25%.
- Worked with 4 interns on their code reviews to improve code quality, tracking JIRA tasks and helping in estimating the time for a new task.
- Built application features and bugs on Supply Chain Visibility Team.

APPLE | TECH MAHINDRA SOFTWARE ENGINEER
March 2006 – December 2012 | Cupertino, CA

- Working as an Onsite coordinator at Cupertino. Managed a team of 4 in India. Assigning and Tracking Tasks, debriefing the requirement to offshore team and taking the responsibility to deliver the product on time.
- Developed the PCI compliant payment technical solution using SSLV3 securing the Card data and customer information.
- Developed a Unix utility application to identify a detailed analysis on sales of a particular day, month and year, which helped the production team for issue tracking.
- Bench marking - Have developed a utility to measure the time taken for a transaction which helped measure the code performance.
- Have been a critical member during production support. Have raised and fixed Emergency SRs to keep the Sales ticking. testing, which reduced testing effort substantially. Was part of end-to-end release cycle of the product including post-deployment support.