

SHIVAM TYAGI

SOFTWARE DEVELOPMENT ENGINEER

CONTACT



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Austin, Texas, USA

SKILLS

Team building

Agile project management

Conflict resolution

Regulatory compliance

Communication skills

EDUCATION

Project Management Certificate

Cornell University

2021

Risk management, Agile project management, Best practices and planning

MS, Software Engineering

San Jose State University

2018-2020

Scalable and secure applications, Recommendation Systems, Cloud Tech

MTech, VLSI Design

CDAC, NOIDA

2009-2011

Hardware Design, RTL, Algorithms, MPSoC Architecture

LANGUAGES

English

Hindi

PROFILE

Experienced Software Development professional with a strong background in leading software engineering teams and driving technical innovation. Proficient in a wide range of technologies, including AWS, AI/ML, Telecom Systems, and Hardware Design. Proven track record of successfully re-architecting and optimizing software applications, ensuring scalability and regulatory compliance. Empowered with diverse experience, very well-equipped to drive complex projects to success delivering high-quality results.

WORK EXPERIENCE

Software Development Engineer

AMAZON.COM

2020-Current

- **Technologies:** Java, AWS CDK, Sagemaker, REACT, SQL-No SQL, Python, Scala
- Led the team to achieve faster and smoother version migrations and data deletion by re-architecting the data model used in ML applications.
- Facilitated GDPR compliance for ML model by helping the ML team to migrate the models to optimized data format.
- Saved manual effort of 56 SDE weeks yearly by automating different accounting flows including booking of month-end remittances and chargefail usecases.
- Mentored new SDEs and interns helping them in their ramp-up and delivery of projects on time.
- Led the team to win first prize in org level hackathon on Gen AI.
- Exceeded Bar in Amazon yearly review

Senior System Analyst

DELHI METRO RAIL CORP LTD

2014-2018

Delhi Metro is a mass rapid transport system that caters to more than 3.5 million customers daily, generating 15.9 billion Indian rupees in yearly revenue.

- **Technologies:** PHP, My-SQL, TCP/IP, Cisco, HP, Juniper, VMWare, Linux
- Led telecoms and networking maintenance team ensuring 99.99% service uptime.
- Streamlined failure handling by designing and implementing centralized failure reporting using the LAMP stack.
- Supervised migration of physical system servers to virtual infrastructure and reduced hardware cost by 60%.

Assistant Grade III

FOOD CORP OF INDIA

2011-2013

Food Corp of India is one of the largest supply chain management companies in Asia. Its core purpose is to ensure food security for 80 million people living below the poverty line in India.

- **Technologies:** PHP, My-SQL, TCP/IP, Linux
- Achieved 60% reduction in transit losses by migrating data reporting to online portal.