
Hands-on Software Engineering Leader with more than 11 years of professional experience in designing and building complex systems.

Technologies and Languages

- Languages/Frameworks: Java, Spring, Spring-Boot
- Technologies: AWS (Lambda, ECS Fargate, S3, DynamoDB, API Gateway), Maven, Git, Oracle
- Other: Terraform, Tomcat, CloudFoundry, Angular 5
- Methodologies: Agile, Scrum, TDD (Test Driven Development), Clean Code

Work Experience

Accenture (International investment mgmt company)	Technical Lead Gurugram, India	2019 - Present
<ul style="list-style-type: none">• Led the cloud migration project of a document system, rewriting the existing monolithic application to an event-based distributed system using Lambda functions, microservices, DynamoDB, S3, and WebSocket.• New system improved the response time by 30%, improved throughput, and reduced performance related production incidents to close to 0.• Reduced certificate expiry related production incidents to 0 by implementing a common certificate management solution for SSL/TLS for more than 100 applications.• Reduced database connection pool related production incidents to 0 by implementing connection pool health checks across more than 50 applications.• Implemented correlation-id based solution to improve the observability of each request across the entire system of 200 components.• Contributed in writing code, Low Level Designs (LLD), reviewing code, mentoring, and overall technical direction.• Technologies used : Java, Spring-Boot, CloudFoundry PaaS, AWS Cloud (Lambda, ECS Fargate, DynamoDB, S3, API Gateway WebSocket, CloudWatch)		
Tata Consultancy Services (Deutsche Bank)	Senior Software Engineer/ Technical Lead Gurugram, India	2016 - 2019
<ul style="list-style-type: none">• Led 2 scrum teams of 8 members each building a new distributed system from scratch to automate the 4-eye approval process of real estate data.• Project delivered ahead of schedule which prevented a regulatory fine of €2 million as well as reduced data errors by 90% compared to the manual process.• Picked up Angular 5 without any previous knowledge and developed the frontend of the system.• Rewrote legacy monolith credit analysis system and decomposed to 10 RESTful backend microservices.• Contributed in writing code, Low Level Designs (LLD), reviewing code, mentoring, and overall technical direction.• Technologies used : Java, Spring-Boot, Angular 5, Oracle, Tomcat		
Tata Consultancy Services (Deutsche Bank)	Software Engineer Gurugram, India	2011 - 2016
<ul style="list-style-type: none">• Developed microservices based system to onboard customers of a newly acquired bank. This system helped Deutsche bank onboard more than 2 million customers.• Designed and developed 4 CRUD web applications as a single person initiative. This greatly reduced the data errors caused by the existing excel based manual solution.		

- Developed JMS based auditing and reporting solution. This solution tracked user actions on the system which helped in identifying security violations and generating regulatory audit reports.
- **Technologies used** : Java, Spring, Flex, Oracle.

LoJiS System Solutions

Co-Founder

2010 - 2011

Gurugram, India

- Started LoJiS System Solutions with 2 other co-founders with the goal of providing software solutions to small and medium enterprises.
- Designed and developed the most popular product – Cheque Handler (A Java based desktop application to store and print cheques, now open sourced [here](#)) – which was responsible for 50% of the company revenue.

Education and Certifications

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| • B.E. Computer Science Engineering , Maharshi Dayanand University, India | 2006 – 2010 |
| • Competent Leader – Toastmasters International | 2017 |
| • AWS Certified Solutions Architect – Associate | 2021 |
| • AWS Certified Developer – Associate | 2022 |

Side-Projects

- [Does X follows Y?](#) - Check if an account follows another on Twitter.
- [COVID-19 Safety Checker](#) – Check active COVID-19 cases country wise.
- [Twitter PIT](#) - Check your Twitter timeline from a past event.
- [Pocket to Kindle](#) - Send your Pocket app articles to Kindle as an e-book.

Interests

- An active member of Toastmasters club. Held multiple executive positions of the club including – Secretary, VP – Membership, and VP – Education.
 - Loves to read - [GoodReads profile](#)
 - An active member of Tech Community [StackOverflow profile](#)
 - Contributions to open source and building new things [GitHub profile](#)
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