

Faisal Khan

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EXPERIENCE

Manager/Technology Lead - Capgemini America, INC – Indianapolis, Indiana

March 2021 – Present

- Leading a team of software developers and Test engineers working on an enterprise application spanning all the applications and interfaces in the organization saving million of dollars to the organization
- Designing the solution using most recent technologies on AWS Cloud for performance, optimization, and cost savings.
- Designed the migration application of data and documents to the new application, resulting in seamless migrations of hundreds of thousands of documents on AWS
- Provides senior level IT technical lead services and direction. Provides technical expertise in systems, technical infrastructure, tools, modeling, external interfaces, and other areas. Completes complex development, design, implementation, architecture design specification, and maintenance activities
- Provide technical guidance based on strong technical acumen and technical currency in a variety of technologies. i.e. Java, MQ, API, Microservices, JSON, JWT, load balancers, Cloud Infrastructure, etc.
- Identify and implement methods/algorithms for optimizing business processes and improving application efficiency. Provide guidance to the technical team responsible for the development, unit/integration testing and implementation of simple to complex business solutions
- Conduct daily code, design, and process reviews, including code/design reviews, code profiling, unit test reviews and process adherence for source code control and builds
- Design and develop frameworks, database schemas and back-end systems to support full-featured and styled web applications, considering both business and technical aspects
- Interacting with Business leads for better understanding of the current system issues.
- Develop the POC for successful new approach and pattern.
- Worked with the offshore team to understand the technical problems they had and got them resolved.

Senior Consultant, Capgemini America, INC– Indianapolis, Indiana

July 2019 - March 2021

- Designed and implemented iUnderwrite Auto Next Gen transformational project resulting in significant cost savings for the organization
- Leveraged latest technologies and tools viz., AWS (Step Functions and lambdas), Spring Boot, Java 8, Bamboo, Angular, Messaging Queues
- Contributed significantly in the design and optimization of the system architecture for the team
- Collaborate cross-functionally to determine feasibility of design, ensure code quality, and deliver releases
- Creating test cases, test data along with coding, testing, implementation of new requirements
- Responsible for Version control, movement of code and components from deployment area to integration system and production system.

Web Master, California State University – Fullerton, California

December 2017 – May 2019

- Coordinated with director of Communications department to revamp websites for performance and upgraded with latest technologies resulting in boosted user engagement of 43%
- Designing and updating the website with the latest design requirements.
- Updating the website to be compliant with ADA

Technology Analyst, Infosys

January 2016 - August 2017

- Worked on an online system to create intelligent documents and visual navigation methods providing operators with up-to-date fleet maintenance information having a user base of 2500+
- Led and mentored a team of 10 employees involving task allocation, code review and optimizing solutions
- Redesigned system to load and process data coming in at a rate of 1GB/hr from external systems to Toolbox Horizon resulting in time reduction from 40 minutes to 4 minutes
- Automated daily tasks resulting in improved productivity of team by 20%

Senior Software Engineer, Infosys*January 2015 - December 2015*

- Designed and enhanced a legacy application helping aircraft maintenance engineers and operators to compare and update aircraft manuals
- Developed a document comparator based on XML and XSD technologies assisting end users with improved productivity of more than 75%

Software Engineer, HSBC GLT, Global Technologies*August 2012 - November 2014*

- Contributed in credit risk analysis team winning the Credit Portfolio Management Team of 2012, Risk Magazine
- Enhanced an application to merge six vendor feeds used by 1700+ relationship managers by coordinating with stakeholders across the UK, HK, and India, resulting in estimated cost savings of USD 1.6 million annually
- Designed underlying architecture and integration of ten heterogeneous platforms to facilitate systematic workflow of customer information through all these platforms

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Typescript, Angular, Node.js
- **Libraries and Frameworks:** Junit, Cucumber, Mockito, Power Mock, Selenium, Microservices, Spring, Spring Boot
- **Database Systems:** Oracle, MySQL, Elasticsearch, MongoDB, MariaDB, DB2
- **Cloud:** AWS – Lambda, Step Functions, EC2, CloudWatch Logs
- **Systems and Tools:** Windows, Unix, AWS, Git, SVN, Jenkins, Maven, RabbitMQ, Bamboo Specs, Spring Integration
- **Processes and Methodologies:** Scaled Agile (Certified), Pair Programming, Test Driven Development (TDD)

EDUCATION**Cal State, Fullerton** – California | Master of Science, Computer Science*Graduation: May 2019*

AWARDS

Credit Portfolio Management Team of the Year, Risk Magazine – HSBC	2012
Department Level STAR Award for an innovative approach to problem-solving – Infosys	2016

CERTIFICATIONS

SAFe 5.0 Practitioner Certification