



Akshay Khanna

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Work Experience

Sr. Software Engineer - Servicenow

September 2021 - Present

- * Developing and architect multiple product apps, microservices, REST API & UI components as part of the WSD (workplace management suite) product team using Seismic (React JS), JS, Java & ServiceNow, SQL (Glide) DB & GenAI.
- * Designed the architecture & led the complete UI heavy development of a complex Scenario Planning (Office space planning & visualization) app, & for that, also built a complex data visualization and planning UI component called Stack Plan from scratch and recursive hierarchical tree visualization.

Senior Consultant - Thoughtworks

September 2018 - September 2021

- * Worked on the development & performance improvement of Atlassian's core UI design components in coordination with their Design System Team. Refactor & add features, contribute to there open source libraries, & wrote code mods (AST JSCodeShift) for easy shipping of these components.
- * Build a complex distributed system for UK's leading Outdoor advertisement company. Have built multiple microservices & REST API using Golang, Java, Python & MongoDB & followed DDD to build them. Written multiple CRON jobs, handled concurrency (via routines) & managed the event-driven architecture using SNS & SQS. Built UI using React Redux and used linear programming (GLPK) to solve their inventory optimization problem. Written unit, integration & contract test for each microservice and followed TDD & pair programming.

Product Developer - Tieto

September 2017 - September 2018

- * Part of Tieto's (NORDICS company) Healthcare Product development teams, built 2 apps one was patient list & task management app from scratch for it.
- * Worked as full stack developer in these teams using Angular 5+ in front-end and Java MVC (+ SQL) REST microservices on the back- end. Have to develop user stories, write a unit test (jasmine + karma + junit), find bugs, purpose & implement suggestion & enhancements to the product, give demo after sprint's and attend/conduct grooming, swarming, and retrospective meetings with product OPO's

Software Engineer - Infosys

September 2015 - September 2017

- * Develop user stories and change requests as part of an agile Java backend development team for a Telecom Client Product.
- * Wrote single-handed multiple utilities & automation scripts to automate the above project infra work & improve application stability. Some of them were Bot for Auto Incident Resolver on BMC IATM (Java & Sikuli lib), Bot for clearing stalls (stuck processes) using C#, WPF & Selenium, Auto Start/Stop Production Jobs & Server (C#, Background Worker) and Server Log Management utility (C#, Ionic Zip lib).

Skills

- Languages: JavaScript, Python, Java, Golang, & C#
- Database: MySQL, MS SQL, & MongoDB
- Frameworks/Tools/Design Patterns: React JS, Redux, Angular 2+, Pact for contract testing, Servicenow, CSS in JS , Backend for the frontend, DDD, Open AI, LLM ,Gen AI
- Cloud/Devops: AWS, Azure, SNS, SQS, Rabbit MQ, Docker, CI/CD pipelines & Jenkins
- Practices: TDD, Pair programming, XP, TBD, OOPs, Clean code strategies, & cross-functional teams.
- Data Structures, Algorithms, Distributed systems, Micro services , REST API, Design System & libraries, System Designing & Architecture Designing

Awards and Recognitions

Bronze Badge (HackerRank) & Qualified GCM

2015

Won Bronze badge in algorithms domain at HackerRank.
Qualified Google Code Jam (GCM) round one

Insta Award Infosys

2016

Excellent work done in automation in client project.

MVP in 3 sprints, Tieto

2017

Awarded by team for contribution & guidance in dev

Floe Ninja ThoughtWorks

2019

Developing client inventory dashboard in hackathon.

Kudos from Atlassian

2020

For contribution in their performance improvement initiative.

Advent of Code (AOC) with all 50 stars

2020

Completed AOC with all 50 stars and ranked 2 on office leaderboard

Servicenow Lama Award

2022

For designing, architect & leading UI development of most critical project of Q3