



**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