#### **AMIT KUMAR**

# Full stack software professional (React | Angular | Java | Spring | AWS | Databases) at Amazon

#### Contact

#### **Core Competencies**

- ✓ Requirement Analysis
- ✓ Data Structures & Algorithms
- ✓ Full stack system design and dev
- ✓ Amazon web services
- ✓ Performant system designs
- ✓ End user focus from start
- ✓ Creativity and innovation
- ✓ Post Implementation Support

## Profile Summary

- Software professional with **5.5 years** of experience in system design and software development across Banking and Advertising domains at **Amazon**, **Morgan stanley and Adobe**.
- Proficient in Angular/React web development ecosystem
- Skilled in server side technologies like Java, Spring, Spring boot, Object Oriented
- Hands-on experience in Amazon web services, Relational and NoSQL Databases
- Expert in Data structures, Algorithms and system design
  - Exploring Big data and Machine learning technologies

#### **Education**

- M. Tech. (Software Engineering) from **Delhi Technological University** with 8.10/10 CGPA (till 3rd semester) in 2014
- B. Tech. (Computer Science & Engineering) from **IIT Varanasi** with 7.21/10 CGPA in 2009

#### **Academic Achievements**

- Received "Best innovation award" in the Technex 2007, the Annual National Tech festival of IIT-Varanasi
- Scored 99.12 percentile in GATE 2012 & 99.19 percentile in GATE 2009
- Attained 1702 among 2 lac students in IIT-JEE 2005

### **Notable Accomplishments**

- Developed:
  - Asset analysis tool for Amazon Advertising team, which received Innovation sprint prize at Amazon advertising org in Nov'18
  - A very well appreciated Google Map integrated web application for Morgan Stanley Real Estate Investments (Similar to 99acres)
  - Feature rich AngularJS grid for maintaining 1.5 million records at UI with 2 second response time for sorting, searching and paging.

#### **I** Skill Set

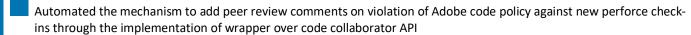
#### Server, Cloud and Database Technologies

- Java: Core Java, Java8, Spring Core, Spring JDBC, Spring Rest, Spring Boot, Spring Cloud, Hibernate, JMX, Junit, Mockito, JHipster
- Amazon web services: EC2, Lambda, API Gateway, Dynamo DB, S3, RDS, Route 53, SNS, SQS, SES, EMR
- **Object Oriented Design**, Design Patterns, Gradle, Ant
- **ELK Stack:** Elastic search, Logstash, Kibana.
  - Schema Design & Manipulation, Data CRUD, Stored procedures
  - MongoDB, Dynamo DB, Elasticsearch, Sybase

## Web Technologies React, Angular, Typescript, ES6, JavaScript, Redux, ¡Query Angular-cli, yarn, npm, Webpack Twitter Bootstrap, HTML, CSS, CSS3, Sass Webapp Deployment: Apache Web Server, S3, CDN using Cloud Front E2e Automation Testing: Selenium web driver. **Tools** Development: Intellij Idea Ultimate, Eclipse, Visual studio Code, VisualVM JMX Database: SQL Server Management Studio, DBArtisan Software Lifecycle: Git, SourceTree, Github, Perforce, Jira, Crucible, Agile, Scrum, Sprint, Quip Continuous Integration: Jenkins, Circle CI Troubleshooting: Splunk, ELK Stack (Elastic search, Logstash, Kibana) stack, Chrome developer tools Platforms: Windows, Mac, Linux, Shell scripting (III) Organizational Experience Oct'18 - Present Amazon, Bangalore, India as SDE-2 Role Received Innovation sprint prize for development of Asset analysis tool for testing the incoming ad images against amazon policies. Spiked and implemented ELK (Elastic search, Logstash, Kibana) stack for Amazon managed advertising team for efficient discovery and analysis of application logs. Contributed to Web and backend development of components and workflows of Amazon advertising web application. Contributed to Automated UI testing of Amazon advertising web application using selenium web driver. Aug'14 - Sep'18 Morgan Stanley, Mumbai, India as Senior Associate Role Analyzing and mapping user needs and software requirements to determine feasibility of design and evaluate scope of project to provide best solutions Preparing high level and detail design documents according to the system requirement specifications Designing, developing, testing, troubleshooting and debugging the applications; providing post-implementation, application maintenance and enhancement support with regards to the product / software application Establishing continuous integration on Jenkins, Distribution Jobs and deploying for web application Generating reports and completing records for supporting OFAC regulatory controls Participating in the development and review of business and system requirements to obtain a thorough understanding of business needs in order to deliver accurate solutions Developing high quality applications in accordance with established company standards and development guidelines Performing code reviews and UAT as needed; debugging, testing and deploying the software Reviewing and analyzing the effectiveness and efficiency of existing systems and developing strategies for improving or further leveraging these systems Providing updates to the Senior Management on work in progress, completed & planned, and issues potentially impacting the on-time completion or quality of work

Following the project lifecycle methodology defined under the process framework, ensuring that deadlines are met

## May'09 – Dec'09 Adobe Systems, Noida as Member of Technical Staff



Developed and deployed a Bugbot using Perl for collecting unallocated bugs for a particular project and reporting to management.

Developed web application to locate the subscription region of a mobile number.