

AMIT KUMAR

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

Contact

✉ amitgarg.cse@gmail.com
☎ +91 9619144566

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 Design**
- 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.

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, jQuery
- 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

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

- Automated the mechanism to add peer review comments on violation of Adobe code policy against new performe check-ins through the implementation of wrapper over code collaborator API
- 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.