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| **Contact**  **AMIT KUMAR**  amitgarg.cse@gmail.com  +91 9619144566  **Core Competencies**   * Requirement Analysis * Full stack system design and dev * Data Structures & Algorithms * Performant system designs * Amazon web services * End user focus from start * Creativity and innovation * Post Implementation Support | | **Full stack software professional**  **(React | Angular | Java | Spring | AWS | Databases)**  **at Amazon**    **Profile Summary**   * Software professional with **5.5 years** of experience in system design and software developmentacross 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** * Proficient in **Data structures, Algorithms and system design**   **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 “**Innovation Award**” in the Technex 2007, the Annual National Tech festival of IIT-Varanasi for prototyping “Digital Economy” project, this was for a raw prototype of Paytm type concept. * 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**   * **Received innovation sprint prize for Asset analysis tool** from Amazon Advertising in Nov’18. The POC aimed at increasing ad-compliance and ad-screening efficiency. * **Designed and led development of a very well appreciated Google Map integrated web application** for Morgan Stanley Real Estate Investments (Similar to 99acres) * Developed Feature **rich Angular 1 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,** **Java 8,** Spring Core, Spring Data, Spring Rest, Spring Boot, JMX, Junit, Mockito, Gradle, Ant * **Amazon web services**: EC2, Lambda, API Gateway, Dynamo DB, S3, RDS, Route 53, SNS, SQS, SES, EMR * Object Oriented Design, Design Patterns * MongoDB, Dynamo DB, Elasticsearch, Sybase |
|  | **Web Technologies**   * **React, Angular 5**, Typescript, ES6, JavaScript, Redux, jQuery, Angular-cli, yarn, npm * **Styling: Twitter Bootstrap**, HTML, CSS, CSS3, Sass,Material design principles * **Deployment:** Apache Web Server, S3, CDN using Cloud Front * **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 * **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**   * **Designed and led development of UI of Angular 5 web application** capable of maintaining trade path reference data. * **Designed and led development of a Google Map integrated Angular 1** web app for Morgan Stanley Real estate investments visualization. * Designing, writing and maintaining java API’s and relational databases to support our web application features. * Investigated and implemented continuous integration and delivery of web applications. * Writing generic and reusable solutions, which were used across projects. E.g. writing a general-purpose reflection-based java library to turn a java iterable into an excel report with help of a configuration object. * 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. * Performing **code reviews and UAT** bugs fixing as needed; debugging, testing and shipping code.   **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 perforce check-ins using code collaborator API. The tool enhanced error free, fast and reliable review against adobe code policies, which **resulted in reduction of memory leaks in Adobe acrobat and other Adobe products**. * Developed and deployed a Bugbot using Perl for detecting unallocated bugs for a particular project and reporting to management. | |