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| |  |  | | --- | --- | |  | **Contact**  +91 9619-144-566  [amitgarg.cse@gmail.com](mailto:amitgarg.cse@gmail.com)  **Core Competencies**   * Requirement Analysis * System design and development * Data Structures & Algorithms * Performant system designs * Amazon web services * End user focus from start * Creativity and innovation * Team spirited |     **Senior Flutter, Firebase professional**  **(with React, GCP, DevOps, Java… exposure)**  **AMIT KUMAR** | | **Profile Summary**   * Software professional with **9 years** of experience in software systems design and developmentacross healthcare, finance and advertising domains at **Amazon, GE Healthcare, Morgan Stanley and Adobe** * Proficient in **Flutter, Firebase based Mobile, Web Apps development,**  **Google Cloud**, **DevOps.** * Expert in development and design of Performant **Data structures, Algorithms and Systems.**   **Education**   * B. Tech. (Computer Science & Engineering) from **IIT Varanasi** in 2009     **Notable Accomplishments**   * **Conceiving, finding co-founders and assembling of team, Technical Design, and end to end development of Pregnancy Helper App**, consisting of Android, iOS Apps and admin web dashboard. * **Designed and led development of a very well appreciated Google Map integrated web application** for Morgan Stanley Real Estate Investments (Similar to 99acres)   **Skill Set**  **Mobile App Development**   * **Dart, Flutter, Bloc** * **Firebase** (Authentication, Firestore, Storage, Hosting, Crashalytics, App distribution, Analytics, Cloud Messaging, Remote Config, Dynamic Links, Firebase extensions) * **Google Cloud Platform**   **Web Development**   * React, Redux, Angular * Yarn, NPM * **Deployment:** Docker, Kubernetes, AWS S3, CDN using Cloud Front * **Services:** NestJS, MongoDB * Object Oriented Design, Design Patterns   **Other Tools**   * **Development:** IntelliJ Idea Ultimate, Visual studio Code * **Amazon web services**: EC2, Dynamo DB, S3, Route 53 * **Software Lifecycle**: Git, GitHub, Fork, GitHub, Jira, Confluence, Agile methodologies * **Continuous Integration:** Jenkins, Circle CI * **Platforms:** Windows, Mac, Linux, Shell scripting |
|  | **­­** **Organizational Experience**  **Nov’20 – Present**  **Prachet Lifetech, Bangalore, India as Co-founder and CTO**  **Role**   * **Co-founding and assembling tech, content development team.** * **Conceiving, refining, design and implementation and testing of the product.** * Learning the best practices and systems, implementing, enhancing them iteratively. E.g., LEAN startup methodologies, agile methodologies, documentation systems etc. * Researching and implementation of backup systems.   **Sept’19 – Oct’20**  **GE Healthcare, Bangalore, India as Senior software engineer**  **Role**   * **Innovate, Design and development, automation testing for generic ECG like components to be reused across GE healthcare websites.** * Component and workflow implementation in [Mural](https://www.gehealthcare.com/products/mural-virtual-care-solution) Program, to enable tele-care professionals to see patient’s clinical parameters from remote locations.   **Oct’18 – Aug’19**  **Amazon, Bangalore, India as SDE-2**  **Role**   * **Received best Innovation sprint POC prize for developing POC of Asset analysis tool** for testing the incoming ad images against amazon ad policies. * Contributed to Web and backend development of components and workflows of Amazon advertising web application. * **Spiked and implemented ELK (Elastic search, Logstash, Kibana)** stack for Amazon managed advertising team for efficient discovery and analysis of application logs. * Contributed to Selenium Test Suite development for our product.   **Aug’14 – Sep’18**  **Morgan Stanley, Mumbai 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 to deliver accurate solutions. * Ensuring high code quality through code reviews. Hiring and developing UI talent for our team.   **Jul’12 – June’14**  **Teaching Assistant and CSE Masters student, Delhi Technological University, India**   * Training mathematics students for IIT-JEE and Olympiads.   **Jan’10 – May’12**  **FIITJEE Pvt Limited, New Delhi, India as Assistant Professor**   * Training mathematics students for IIT-JEE and Olympiads.   **May’09 – Dec’09**  **Adobe Systems, Noida, India 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 **led to reduction of known security issues in Adobe products**. * Developed a Bugbot using Perl for listing unallocated bugs weekly and emailing those to project owners. | |