

# AGAMPREET SINGH

SOFTWARE ENGINEER (3.5 Years)

## EDUCATION-

B.Tech (CSE) 2014-2018  
Guru Nanak Dev University 7.3/10

## TECHNICAL SKILLS-

### Programming Languages

- Java (Proficient)
- JavaScript (Prior Experience)
- Python (Basic)
- Scala (Basic)
- C/ C++ (Basic)

### Development

- JAVA: *Springboot, Hibernate, MySQL, REST, Microservices, Maven*
- JavaScript: *Node.js, Angular, Vue.js, Express.js, Sequelize*
- Designing: *HTML, CSS, Bootstrap, Photoshop*
- Version Control: *Git, SVN*

### Additional Interests

- JavaScript
- Blender
- Progressive Web Apps
- Game Development

## CONTACT-

✉ agampreet\_singh@yahoo.com


☎ +91 9041716953

🌐 github.com/agampreetsingh


🌐 linkedin.com/in/agampreetsingh/

🌐 agampreetsingh.com

## WORK EXPERIENCE-

 **Deutsche Telekom** *SDE* *(Dec 2020-Present)*


- Implemented dynamic file resizing for optimization using *AWS Lambda, Python (Boto, Moviepy, PIL)*
- Implemented backend for a *rule based chatbot* using a tree-based architecture with *JAVA(Springboot)*.
- Implemented backend for a template based *dynamic screen creator* for mobile apps.
- Responsible for the backend of an independent *generic-file-upload service* used internally
- Improved the artifact management by implementing *jar-repository management* using *Nexus*
- Improved availability of authentication system by *externalizing infinispn cache* from *keycloak* container

 **Blackrock** *Analyst: SDE* *(2020 Feb- Dec 2020)*


- *Improved* serialization time by *10 times* (15 seconds to 1.5 secs)
- Various improvements in the firm's Analytics platform using *Scala, Spark, Java, Springboot, hibernate, Cassandra, MySQL*, and related technologies
- Gained experience with solving production issues

 **Nagarro** *Associate* *(Jun 2018- Jan 2020)*

1. **Developed solutions for a US based 3<sup>rd</sup> party ITM compliance system:**
  - a) *Maintaining the production application*
    - Implemented functioning of *new type of users* corresponding to the reports
    - *Scaled* the email services from *200 to 1000 mails per day* using *Google Cloud Platform*
  - b) *Revamping the application*
    - Experience with *developing* the application from *scratch*
2. **Developed solutions of a Germany based Airline firm:**
  - *Upgraded* the old code base to integrate with *Swagger 2*
  - Created and implemented the *design* for communication between *two independent services*
  - *Designed* new type of *lounge vouchers* adhering to the airline standards

 **Nagarro** *SDE Trainee* *(Jan 2018- Jun 2018)*

- Software Development in *Java: J2EE* with *Spring framework* (*Core, MVC, REST*) with *SOLID principles*
- Achieved proficiency in *Hibernate* as an *ORM*, *Angular 6*, *Vue.js*

 **Nagarro** *Bootcamp Intern* *(Jun 2017)*

- Attained experience in *Node.js, Express, React.js* and received a *PPO* for being among the top performers