

AGAMPREET SINGH

SOFTWARE ENGINEER (6 Years)

EDUCATION-

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

TECHNICAL SKILLS-

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*
- Tools: *Redis, Graphana, NewRelic, Keycloak, AWS Lamda, Azure EventHub, Kafka*

Programming Languages

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

Additional Interests





- JavaScript
- Progressive Web Apps
- Unity
- Game Development

CONTACT-

✉ agampreet_singh@yahoo.com
☎ +91 9041716953
🌐 github.com/agampreetsingh
🌐 linkedin.com/in/agampreetsingh/
🌐 agampreetsingh.com

A Passionate software engineer with around 6 Years of experience in building complex backend systems for various product-based organizations. Backend architecture and code design are prominent hobbies

WORK EXPERIENCE-

	DP World	SDE 2	(July 2022- Present)
<ul style="list-style-type: none">• Designed and developed a shared <i>configuration engine</i> for notifications across systems using <i>Java Springboot</i>• Designed and developed the architecture for a Quotation Management System, deployed for increasing business across 100+ global locations using <i>Springboot, PostgreSQL, Hibernate</i> and optimization + monitoring tools like <i>NewRelic, Azure EventHub, Redis</i>• Designed and developed an <i>Authorization</i> layer as a service using <i>Keycloak, express</i> to improve security.• Led a team of 4 developers owning the end-to-end implementation of Quote Management System.			
	Deutsche Telekom	SDE	(Dec 2020- July 2022)
<ul style="list-style-type: none">• Designed and developed dynamic file resizing for optimization using <i>AWS Lambda, Python (Boto, Moviepy, PIL)</i>• Developed backend for a <i>rule based chatbot</i> using a tree-based architecture with <i>JAVA(Springboot)</i>.• Designed and developed backend for a template based <i>dynamic screen creator</i> for mobile apps.• Designed the architecture for the backend of an independent <i>generic-file-upload service</i> used internally• Improved the artifact management by implementing <i>jar-repository management</i> using <i>Nexus</i>• Improved availability of authentication system by <i>externalizing infinispn cache</i> from <i>keycloak</i> container			
	Blackrock	Analyst: SDE	(2020 Feb- Dec 2020)
<ul style="list-style-type: none">• <i>Improved</i> serialization time by <i>10 times</i> (15 seconds to 1.5 secs)• Various improvements in the firm's Analytics platform using <i>Scala, Spark, Java, Springboot, hibernate, Cassandra, MySQL</i>, and related technologies• Gained experience with solving production issues			
	Nagarro	Associate	(Jun 2018- Jan 2020)
<ol style="list-style-type: none">1. Developed solutions for a US based 3rd party ITM compliance system:<ol style="list-style-type: none">a) <i>Maintaining the production application</i><ul style="list-style-type: none">• Implemented functioning of <i>new type of users</i> corresponding to the reports• <i>Scaled</i> the email services from 200 to 1000 mails per day using <i>Google Cloud Platform</i>b) <i>Revamping the application</i><ul style="list-style-type: none">• Experience with <i>developing</i> the application from <i>scratch</i>2. Developed solutions of a Germany based Airline firm:<ul style="list-style-type: none">• <i>Upgraded</i> the old code base to integrate with <i>Swagger 2</i>• Created and implemented the <i>design</i> for communication between <i>two independent services</i>• <i>Designed</i> new type of <i>lounge vouchers</i> adhering to the airline standards			