

# 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 Lambda, Azure EventHub, Kafka**

### Programming Languages

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





### Additional Interests

- Progressive Web Apps
- Unity
- Game Development
- Web3
- Graphic Design

## CONTACT-

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## WORK EXPERIENCE-

	<b>DP World</b>	<b>SDE 2</b>	<b>(July 2022- Present)</b>
<ul style="list-style-type: none"><li>• Designed and developed a shared <i>configuration engine</i> for notifications across systems using <i>Java Springboot and EventHub</i></li><li>• 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></li><li>• Designed and developed an <i>Authorization</i> layer as a service using <i>Keycloak, express</i> to improve security.</li><li>• Designed and implemented a shared service for faster uploads of large files.</li><li>• Leading a team of 6 developers owning the end-to-end implementation of Quote Management System and owning logistics platform.</li></ul>			
	<b>Deutsche Telekom</b>	<b>SDE</b>	<b>(Dec 2020- July 2022)</b>
<ul style="list-style-type: none"><li>• Designed and developed dynamic file resizing for optimization using <i>AWS Lambda, Python (Boto, Moviepy, PIL)</i></li><li>• Developed backend for a <i>rule based chatbot</i> using a tree-based architecture with <i>JAVA(Springboot)</i>.</li><li>• Designed and developed backend for a template based <i>dynamic screen creator</i> for mobile apps.</li><li>• Designed the architecture for the backend of an independent <i>generic-file-upload service</i> used internally</li><li>• Improved the artifact management by implementing <i>jar-repository management</i> using <i>Nexus</i></li><li>• Improved availability of authentication system by <i>externalizing infinispn cache</i> from <i>keycloak</i> container</li></ul>			
	<b>Blackrock</b>	<b>Analyst: SDE</b>	<b>(2020 Feb- Dec 2020)</b>
<ul style="list-style-type: none"><li>• <i>Improved</i> serialization time by <i>10 times</i> (15 seconds to 1.5 secs)</li><li>• Various improvements in the firm's Analytics platform using <i>Scala, Spark, Java, Springboot, hibernate, Cassandra, MySQL</i>, and related technologies</li><li>• Gained experience with solving production issues</li></ul>			
	<b>Nagarro</b>	<b>Associate</b>	<b>(Jun 2018- Jan 2020)</b>
<ol style="list-style-type: none"><li>1. <b>Developed solutions for a US based 3<sup>rd</sup> party ITM compliance system:</b><ol style="list-style-type: none"><li>a) <i>Maintaining the production application</i><ul style="list-style-type: none"><li>• Implemented functioning of <i>new type of users</i> corresponding to the reports</li><li>• <i>Scaled</i> the <i>email services</i> from <i>200 to 1000 mails per day</i> using <i>Google Cloud Platform</i></li></ul></li><li>b) <i>Revamping the application</i><ul style="list-style-type: none"><li>• Experience with <i>developing</i> the application from <i>scratch</i></li></ul></li></ol></li><li>2. <b>Developed solutions of a Germany based Airline firm:</b><ul style="list-style-type: none"><li>• <i>Upgraded</i> the old code base to integrate with <i>Swagger 2</i></li><li>• Created and implemented the <i>design</i> for <i>communication</i> between <i>two independent services</i></li><li>• <i>Designed</i> new type of <i>lounge vouchers</i> adhering to the airline standards</li></ul></li></ol>			