







WORK EXPERIENCE-

	DP World	SDE 2	(July 2022-Present)
<ul style="list-style-type: none">Improved the backend security by implementing a separate <i>Authorization</i> layer as a service using <i>Keycloak, express</i>.Implemented a shared <i>configuration engine</i> for notifications across systems using <i>Java Springboot</i>Designed and implemented 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>Mentoring junior developers and overall system improving architecture.			
	Deutsche Telekom	SDE	(Dec 2020- July 2022)
<ul style="list-style-type: none">Implemented dynamic file resizing for optimization using <i>AWS Lambda, Python (Boto, Moviepy, PIL)</i>Implemented backend for a <i>rule based chatbot</i> using a tree-based architecture with <i>JAVA(Springboot)</i>.Implemented backend for a template based <i>dynamic screen creator</i> for mobile apps.Responsible for the backend of an independent <i>generic-file-upload service</i> used internallyImproved 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">Improved 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			
	Nagarro	Associate	(Jun 2018- Jan 2020)
<ol style="list-style-type: none">Developed solutions for a US based 3rd party ITM compliance system:<ol style="list-style-type: none"><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 the email services</i> from 200 to 1000 mails per day using <i>Google Cloud Platform</i><i>Revamping the application</i><ul style="list-style-type: none">Experience with <i>developing</i> the application from <i>scratch</i>, and contributed to <i>designing the architecture</i>Implemented new features while revampingDeveloped 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 <i>communication</i> between <i>two independent services</i><i>Designed</i> new type of <i>lounge vouchers</i> adhering to the airline standards			
	Nagarro	SDE Trainee	(Jan 2018- Jun 2018)
<ul style="list-style-type: none">Software Development in <i>Java: J2EE</i> with <i>Spring framework (Core, MVC, REST)</i> with <i>SOLID</i> principlesAchieved proficiency in <i>Hibernate</i> as an ORM, <i>Angular 6, Vue.js</i>			
	Nagarro	Bootcamp Intern	(Jun 2017)
<ul style="list-style-type: none">Attained experience in <i>Node.js, Express, React.js</i> and received a <i>PPO</i> for being among the top performers			

PERSONAL PROJECTS-

VaccinationSlotTracker	bit.ly/easy-vaccination-slot-tracker
<ul style="list-style-type: none">A simple cross platform <i>Progressive-Web-App (PWA)</i> built using <i>HTML, CSS, Bootstrap 5, jQuery, JavaScript</i> and hosted on <i>gh-pages</i>, with <i>Google analytics</i> enabled.Used by <i>more than 400 users</i> with around <i>5K event hits</i>. (stats: pdf)	
Point Of Sales Application	https://bit.ly/agam-pos
<ul style="list-style-type: none">A generic Point-Of-Sales application (general store based), with a <i>Java Backend</i> using <i>Springboot, REST, Hibernate</i> and <i>Frontend</i> using <i>Angular</i>	
School Organization System	https://bit.ly/agam-lms
<ul style="list-style-type: none">A simple school management system with <i>Node.js Backend</i> and <i>Vue.js Frontend</i> deployed on <i>Heroku</i>	
RedConnect Office Viewer	https://bit.ly/redconnect-demo
<ul style="list-style-type: none">A desktop application for a blood donation NGO, to simplify the manual work by automating the blood request management and implementing a CRM for volunteers	

EDUCATION-

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

TECHNICAL SKILLS-

Programming Languages

Java, JavaScript, Python, Scala

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, Progressive Web Apps, Unity, Game Development