

GAYATRI BIRTHARE

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EDUCATION

Northeastern University, Seattle, WA	Jan. 2022 – Present
Khoury College of Computer Science	Expected graduation: Apr 2024
Candidate for a Master of Science in Computer Science	GPA: 3.95/4.0
Related courses: Algorithms, Web Development, Building Scalable and Distributed Systems	
National Institute of Technology, Jamshedpur, India	Jul. 2010 – Jun. 2013
Master of Computer Applications	GPA: 8.58 /10.0
Related courses: Object Oriented Programming, Data Structures, Databases, Software Engineering	
Devi Ahilya Vishwa Vidyalaya University, Indore, India	Jul. 2007-Jun.2010
Bachelor of Computer Applications	

TECHNICAL KNOWLEDGE

Languages:	Java, Python, C# .NET, C++, JavaScript/TypeScript, .NET
Databases:	MS SQL, MySQL, Redis, MongoDB, AWS DynamoDB
Web technologies:	REST, Web API, Node.JS, Angular, React, Apollo GraphQL, SpringBoot
Tools:	IBM MQ, AMPS, Jenkins, Splunk, GIT, BitBucket, JIRA
Cloud Computing:	AWS, RDS, Elastic Cache, AWS SQS, Amplify, GraphQL, CloudFormation, AWS CDK, AWS AppSync

WORK EXPERIENCE

Amazon, SDE Intern, Seattle, WA	May 2023 – July 2023
<ul style="list-style-type: none">Created a centralized fraud management platform for Amazon.com storesDeveloped a GraphQL aggregation service using AWS AppSync for retrieving records from various sources to enhance fraud management capabilities.Implemented a web interface to manage frauds and view fraud history using Apollo GraphQL, React, and TypeScript	
J P Morgan Chase, Associate, Mumbai, India	Mar. 2021 – Oct. 2021
<ul style="list-style-type: none">Worked on developing services that improved client onboarding processes.Developed services to facilitate secure and efficient large-scale client data transfer from various data sources for a variety of downstream business processes and calculations.	
Bank of America, Software Engineer Mumbai, India	Sep. 2017 – Mar. 2021
<ul style="list-style-type: none">Designed and implemented an analytics data store for the market research engineering team that pulls terabytes of data from various downstream data stores and makes the data available for further analysis.Developed a report generation and publishing platform which simplified market report generation and publishing process which reduced report publishing time from days to minutes.Created a data validation tool that efficiently validates terabytes of data and applies large scale corrections.Implemented algorithms to calculate foreign exchange rates and Margin terms.	

ACADEMIC PROJECTS

Ecommerce System	Tech: Java, SpringBoot, JavaScript, React, MySql on AWS RDS
<ul style="list-style-type: none">Developed E-commerce website and seller's admin portal using React and SpringBoot to facilitate basic shopping experience for both users (buyer and seller).Hosted the system on AWS RDS for security and distributed access. Designed user roles for all teammates and granting permissions based on their respective roles	