

Anjum K

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EDUCATION

Georgia Institute of Technology <i>Master of Science in Computer Science, GPA: 4.0, GRE: 334/340</i>	August 2024 - Present Atlanta, GA
University of Mumbai <i>Bachelor of Technology in Computer Engineering, CGPA 9.3/10</i>	August 2017 - May 2021 Mumbai, IN

Coursework: Object Oriented Programming (OOPS), Data Structures, Algorithms, Design Patterns, Multithreading, REST APIs, Networking, UI/UX

TECHNICAL SKILLS

Languages and DB: Java, JavaScript, JSP, Python, C/C++, C#, HTML, CSS, PostgreSQL, SQL, Sybase, TypeScript

Frameworks: Spring, SpringBoot, Angular, React, Node, Flask, Django, FastAPI, Flutter, .NET, JUnit, Karma, Jasmine

Tools: AWS, Docker, Kubernetes, Jenkins, Git, OpenShift, Linux/Unix, Postman, Tableau, Figma

Other: Microservices, CI/CD Pipelines, Agile (Scrum), Unit & Integration Testing, Threat Modeling

WORK EXPERIENCE

Amazon Web Services (AWS)	May 2025 - July 2025
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Software Developer Intern / React, Kotlin, Lambda, S3

- Developed a React app to flag risky cleanup resources, streamlining **region build automation**, boosting **click through by 40%**
- Built a Smithy JavaScript client with **JWT and SigV4 auth**, and role chaining, enabling **secure retrieval** via presigned S3 URLs
- Deployed on Lambda and S3 for **scalable, region-isolated** use, lowering review time per 100 resources from **50 to 10 minutes**.

Amadeus Software Labs	August 2021 - May 2024
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Software Developer / Java, Spring, JSP, JavaScript, CSS, Docker, Jenkins, OpenShift

- Feature design and development for [Hainan Airlines](#), an Amadeus customer.
 - Established new flows with 1A GDS - ‘Registration’, ‘Miles & Cash’, increasing Frequent Flyer Registrations by **over 40%**.
 - Implemented “Instant Search”, caching flight prices, minimizing GDS Flex Pricer calls, achieving 35% expenditure reduction.
- Transversal responsibilities
 - Migrated QA platform to a new namespace reducing build time from **2 hours to 30 minutes**.
 - Reduced critical bugs from **over 400 to 20** and **eliminated** all *IRs (Incident Records - SEV 0)* breaching SLA.
 - Designed a comprehensive **threat model** encompassing interactions with GDS, Travel Sky, E-star, User Center, Log server.
- Tech lead** Responsibilities - Collaborated with the PO to evaluate features, conducted KTs for core applications and processes, and managed *EP (E-personalize, a configuration engine for the application)* with over **4000 action rules** configured.
- Scrum Master** Responsibilities - Orchestrated daily agile tasks, represented my team in various forums, managed JIRA, and worked closely with the RTE (Release train engineer).

Morgan Stanley	Feb 2021 - July 2021
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Software Developer Intern / Angular, Flask (Python), C#, Kerberos

- Developed “Deal Blotter” with a CPS Pub/Sub data pipeline, extensible architecture, and *Kerberized* REST integration.
- Streamlined Equity and Structured Products (ESPT) sales process, **reducing marketing time** from **~1 hour per client to 7 mins for multiple clients**.

Morgan Stanley	May 2020 - July 2020
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Software Developer Intern / Angular, Flask (Python), Sybase

- Constructed a Medium Touch Order Tracking dashboard reducing application search time from **20 minutes to 30 seconds**

PROJECTS

TraceMe | Ethereum, Solidity, Python, Flutter, Web3.py, Figma

- Combats price gouging by employing an Ethereum blockchain, reducing average supply chain cost by **over 20%**.

HEALTH-AID | Flask, JavaScript, Python, Figma

- Designed a novel hospital recommendation algorithm, achieving **0.7 second response** time.

PDFAnalyser | Flask, JavaScript, Python, OpenCV

- Parsing unstructured invoice images using **OpenCV**, providing JSON output of all billing related fields with **93% accuracy**.

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Recognized with “Risk Appetite”, “High Flyer”, and “Game Changer” awards during my tenure with Amadeus.
- Team Lead** at Emfinity Math Club, K.J. Somaiya College of Engineering for 3 years.
- Smart India Hackathon (SIH)** Finalist
- Rank 1** at HSC examination at K.J. Somaiya College of Science and Commerce