

Jamal Dabas

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Education

University of Texas at San Antonio

*Bachelor's of Science in
Computer Science*

- **Summa Cum Laude**, Overall GPA: 3.97
- Cybersecurity & Software Engineering Concentrations

Skills

Languages: Java, C#, Python, C/C++, TypeScript, JavaScript, Apex, SQL, HTML/CSS, React

Frameworks: React, Angular, Vue, Node, .NET Core/Framework, Spring Boot, Flask, Django, FastAPI

Cloud & Databases: Azure, AWS, GCP, Firebase, Azure Cosmos DB, Kusto, JDBC, RESTful APIs, GraphQL, SOA, SOAP, SQL, NoSQL, Postgres

DevOps & Tools: CI/CD, Git, GitLab, Azure DevOps, Docker, Kubernetes, Bash, Maven, Gradle, IntelliJ, Visual Studio, Eclipse, ChatGPT

Architecture &

Practices: Distributed Systems, Microservices, System Design, Automation, Agile/Scrum

Certificates

- AWS Certified Solutions Architect – Associate (In Progress)

Awards

Presidential Scholarship

University of Texas at San Antonio

Professional Experience

Microsoft

Software Engineer

03/2022 – 01/2025

- Developed scalable backend features and automation protocols that reduced setup time by 80%, improving operational efficiency and reducing rework across datacenter equipment.
- Developed a feature to alert datacenter admins of potential premature ticket closures, reducing early closures by 95% and ensuring delivery timelines.
- Led migration of backend worker services using .NET Core and Azure, resolving operational bottlenecks and improving supply chain automation.
- Contributed to distributed microservices architecture (30+ services) to enhance system interoperability and streamline global supply chain operations.
- Led migration efforts using PySpark to improve data flow and processing.
- Partnered with product and engineering stakeholders to validate system designs and ensure solutions met operational and business needs.
- Managed on-call incidents to ensure seamless, uninterrupted equipment delivery and installation.
- Primary Technologies: .NET Ecosystem, C#, RESTful APIs, Angular, Typescript, PySpark, PowerShell, Kusto, CI/CD, Azure DevOps, Azure Cosmos DB, and various Azure technologies

USAA

Software Engineer III

09/2020 – 02/2022

- Built and maintained major RESTful APIs using Java Spring Boot, Gradle, and Docker to update React UI with key MSR details during P2P chat sessions.
- Resolved a critical archival issue in production affecting 80% of member cases using SFDC Apex and Python3.
- Fixed a major security vulnerability exposing 20% of member passwords in chat URLs using SFDC Apex.
- Developed and maintained Chat and SMM features in Salesforce, React, and Java.
- Documented REST API usage, Salesforce tools, and business logic debugging for developers.
- Primary Technologies: Spring Boot, Salesforce, Java, Gradle, GitLab, Docker, Kubernetes, ReactJS, Java Spring

Refinder

Co-founder

01/2020 – 05/2020

- Placed among the top 5 in the UTSA CITE start-up Competition.
- Created an online marketplace, [refinder.app](#), for the material exchange of repurposed and salvaged goods.
- ReactJS and Redux used for the frontend and Google Firebase for the backend.