

TEJAS HEMANT CHOUDHARI

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SUMMARY

Software Engineer with 3+ years of experience in **Java, Python, C#,** and **cloud technologies**, specializing in **distributed systems** and **RESTful APIs**. Strong focus on **OOP principles, microservices,** and **database optimization**. Proven track record in delivering scalable solutions for **financial services** and collaborating in Agile teams to drive performance and innovation.

EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science, Information Systems; Cumulative GPA: 3.86/4

Relevant Coursework: Application Engineering, Object-Oriented Design, Program Structures & Algorithms, Database Design, Big-Data Indexing

Boston, MA

Sep 2022 – Dec 2024

MUMBAI UNIVERSITY

Bachelor of Engineering, Information Technology

Mumbai, India

Aug 2016 – Oct 2020

SKILLS

Languages & Technologies: Java, Python, C#, JavaScript, TypeScript, RESTful APIs, RabbitMQ, Kafka

Frameworks: Spring Boot, ASP.NET Core, React, Angular, Redux, Flask, JUnit

Cloud & Databases: AWS, Azure, PostgreSQL, MySQL, MongoDB, Oracle

Tools: Git, Jira, Jenkins, Terraform, Postman, Swagger, Visual Studio, IntelliJ IDEA, Azure DevOps, Docker

WORK EXPERIENCE

BRACEBRIDGE CAPITAL

Software Engineer Coop

Boston, MA

May 2023 – Dec 2023

- **Modernized legacy systems** by migrating to **.NET 6** and **C#**, utilizing a custom **Blazor framework** and **microservices architecture** to improve **real-time analytics** for bond markets.
- Designed and implemented **scalable ETL web applications** to streamline **data ingestion, processing, and integration**, enhancing **trading decision-making** with real-time **analytics capabilities**.
- Automated **CI/CD pipelines** using **Azure DevOps**, increasing **deployment efficiency by 50%**, and improving **reliability**.
- Collaborated with **cross-functional teams** to align solutions with **business strategies**, meeting **performance** and scalability goals.

INFOSYS LIMITED

Software Engineer

Pune, India

Nov 2020 – Aug 2022

- Engineered **scalable RESTful APIs** using **.NET Core** and **C#**, supporting seamless **integration** with **external financial platforms** and enhancing **data reliability** in **high-volume environments**.
- Migrated legacy systems to **Angular** and **.NET Core**, enhancing maintainability and responsiveness and modern standards.
- Optimized databases with **T-SQL procedures**, reducing **query latency** and improving **data handling** in **high-volume systems**.
- Implemented **RabbitMQ-based messaging queues** to ensure reliable **asynchronous communication** across **microservices**.

NSDL DATABASE MANAGEMENT LIMITED

Full Stack Software Developer Intern

Mumbai, India

Jul 2020 – Oct 2020

- Built secure **RESTful APIs** using **Java** and **Spring Boot**, improving transaction workflow efficiency by 30%.
- Collaborated in an **Agile** environment to deploy scalable applications on NDML's private cloud, improving backend performance using **JUnit** for testing

PROJECTS

PERSONAL EXPENSE TRACKER APP | Java, Spring Boot, PostgreSQL, Swagger | [Link](#)

Sep 2024 – Nov 2024

- Developed **RESTful APIs** for category and expense management with **CRUD operations**, enabling efficient financial tracking.
- Added **exception handling** and integrated **SpringDoc OpenAPI**, providing clear documentation and error management.

STREAMLINING APPLICATION SYSTEM | Java, Python, Flask, MongoDB | [Link](#)

Mar 2020 – Aug 2020

- **Led the development of an Android App using Java and a Web app** integrated with **MongoDB**, and implemented monitoring dashboards, reducing troubleshooting time by 40% through **optimized workflows** and standard operating procedures

SECURED FILE SHARING SYSTEM | Java, Socket Programming, AES, Java Swings | [Link](#)

Jan 2020 – Oct 2020

- Built a secure client-server system with **chat** and **encrypted file transfers**, ensuring data confidentiality and integrity.
- Implemented **hybrid cryptography** (AES, RSA) to enhance security and protect user data during exchanges.

CERTIFICATIONS

- Java EE Application Engineer, Aptech Computer Education
- Microsoft Certified Azure Fundamentals (AZ-900)