

TEJAS HEMANT CHOUDHARI

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SUMMARY

Software Engineer with 2.5 years of experience in building scalable applications. Proficient in building applications using C#, Java, Python and SQL, with a strong focus on translating user requirements into efficient technical solutions. Adept at working across the full stack and passionate to deliver exceptional results while following best coding practices.

EDUCATION

NORTHEASTERN UNIVERSITY

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

Relevant Coursework: Application Engineering and Development; Program Structures and Algorithms, Object Oriented Design

Boston, MA

Expected Dec 2024

MUMBAI UNIVERSITY

Bachelor of Engineering, Information Technology

Mumbai, India

Aug 2016 - Oct 2020

WORK EXPERIENCE

BRACEBRIDGE CAPITAL

Software Engineer Coop

Boston, MA

May 2023 – Dec 2023

- Collaborated with the application development team to successfully migrate a legacy system to a modern .NET and C# platform using an in-house framework built with C# and Blazor, resulting in a microservice architecture that generated 150+ reports on future bond markets
- Reduced weekly debugging time by 8 hours by implementing a pipeline re-run feature and upgrading the UI for real-time analytics of pipelines, including execution status and logs, to minimize manual efforts in troubleshooting
- Programmed key features for a web application managing ETL pipelines, utilizing C#, .NET Framework, REST APIs and SQL in an Agile environment, with Azure for CI/CD, resulting in a 25% reduction in resource consumption

INFOSYS LIMITED

Software Engineer

Pune, India

Nov 2020 – Aug 2022

- Coordinated with cross-functional teams in financial services, resulting in the on-time delivery of a Business Lending Web Application while adhering to Agile methodology, accelerating project completion by 20%
- Developed business functionalities in a scalable Web API architecture with C#, .NET Core, and Angular, implementing the Unit of Work and Repository design patterns with Entity Framework to reduce manual validation efforts by 16%
- Implemented automation and reporting frameworks for product testing, leading to adoption by testing teams and reducing internal testing timelines by 30%
- Engineered a robust codebase employing NUnit for rigorous unit and integrated testing; improved overall code quality by identifying and fixing 45+ bugs

PROJECTS

BOOK VERSE | Node.js, React, TypeScript, Python, MongoDB, Material UI, Gemini API | [Link](#) July 2024 – Aug 2024

- Designed and developed an AI-driven e-book store, integrating Google AI Gemini API to deliver personalized, data-driven book recommendations using item-based collaborative filtering, Pearson correlation, and matrix mean centering
- Implemented robust state management with Redux and integrated Stripe API for secure payments, enhancing user experience with seamless transactions and personalized book discovery powered by advanced recommendation algorithms

CAR RENTAL APPLICATION | Java, Spring MVC, Thymeleaf | [Link](#)

Dec 2023 – Feb 2024

- Created a unified platform for car rentals and driving class bookings using Java 17, Spring MVC, and Thymeleaf, enhancing user convenience through seamless service integration.

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

Jan 2020 – Aug 2022

- Led a team of six in building an Android mobile app utilizing Java and Python Flask web app integrated with MongoDB
- Streamlined the application process and reduced the average processing time from 10 days to 4 days by redefining responsibilities and improving accountability of employees

SKILLS

Technologies: C#, Java, Python, Golang, JavaScript, TypeScript, VBA, HTML/CSS; RESTful API, JSON, XML

Frameworks: ASP.NET MVC, .NET Core, Spring Boot, Nodejs, React, Blazor, Flask, jQuery, NUnit

Databases: SQL Server, MongoDB, PostgreSQL, MySQL, DynamoDB; **Cloud Technologies:** AWS, Azure