TEJAS HEMANT CHOUDHARI

Boston, MA | P: +1 8576938034 | choudhari.th@gmail.com | LinkedIn | GitHub | Portfolio

SUMMARY

Software Engineer with 3 years of experience developing scalable applications using C#, .NET, Java, React, RESTful APIs, and Azure. Proficient in building distributed systems, microservice architectures, and implementing CI/CD pipelines. Adept at delivering efficient, high-quality software solutions while adhering to best coding practices in Agile environments.

EDUCATION

NORTHEASTERN UNIVERSITY   Boston, MA
Master of Science, Information Systems; Cumulative GPA: 3.86/4   Expected Dec 2024
Relevant Coursework: Program Structures and Algorithms, Object Oriented Design; Design Patterns, Web Design and UX

MUMBAI UNIVERSITY   Mumbai, India
Bachelor of Engineering, Information Technology   Aug 2016 – Oct 2020

SKILLS

Technologies: C#, Python, TypeScript, JavaScript, Java, C, C++; HTML5, CSS3; RESTful APIs; Kafka, RabbitMQ
Frameworks: .NET, .NET Core, Entity Framework, React, NUnit, MS Test, Blazor, Flask; **Tools**: Visual Studio, Git, SSMS
Databases: SQL Server, PostgreSQL, MongoDB; **Cloud Technologies:** Azure(DevOps, App Services), AWS(EC2, S3, Lambda)

WORK EXPERIENCE

BRACEBRIDGE CAPITAL   Boston, MA
Software Engineer Coop   May 2023 – Dec 2023
- Led the migration of a legacy system to a modern .NET and C# framework, leveraging C# and Blazor to implement a robust microservice architecture for generating over 150 bond market reports, improving system scalability and user experience
- Developed and maintained key features for a web application managing ETL pipelines, utilizing C#, .NET Framework, REST APIs, and SQL Server in an Agile environment, resulting in a 25% reduction in improved application performance
- 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
- Designed and deployed REST APIs for new customer-facing functionalities while maintaining backward compatibility, enhancing user experience and contributing to a 25% rise in user satisfaction by delivering seamless feature rollouts.
- Utilized Azure DevOps for CI/CD, ensuring efficient builds and deployments for new features, reducing time-to-release and contributing to the overall stability of the system.

INFOSYS LIMITED   Pune, India
Software Engineer   Nov 2020 – Aug 2022
- Contributed to the design and implementation of customer-facing features for a Business Lending Web Application, utilizing C#, .NET Core, Angular, and Entity Framework, improving functionality and user experience while reducing manual business deal validation efforts by 16%
- Developed scalable Web API architectures using C#, .NET Core, and JavaScript frameworks (Angular), ensuring efficient data flow and contributing to the overall user experience and performance improvements by creating 10+ services for component communication
- Utilized Azure DevOps to automate CI/CD pipelines, streamline builds, and manage releases seamlessly, ensuring continuous integration and deployment while minimizing customer-impacting issues
- Delivered consistent improvements to distributed systems architecture using microservices principles, optimizing scalability, and maintaining high availability in production environments.

PROJECTS

BOOK VERSE | Node.js, TypeScript, React, Redux, MongoDB, Gemini API | Link   Jul 2024 – Aug 2024
- Designed and developed an AI-driven e-bookstore with personalized book recommendations using Google AI Gemini API and advanced algorithms, integrated Stripe for secure payments, and implemented Redux for robust state management to enhance user experience with seamless transactions and personalized discovery.

TASK TRACKER APPLICATION | Node.js, React, TypeScript, MongoDB | Link   May 2024 – Jul 2024
- Developed a dynamic task management application using React, TypeScript, and MongoDB, featuring real-time updates, state management, and customizable task states, enhancing user productivity and task tracking

SECURED FILE SHARING SYSTEM | Java, Socket Programming, AES, Java Swings | Link   Jan 2020 – Oct 2020
- Designed and implemented a client-server architecture in Java, featuring real-time chat and secure file exchange capabilities; utilized hybrid cryptography methods (AES, RSA, SHA) to ensure data confidentiality, resulting in improved system security and user data protection.