

Aditya Thakkar

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Education

California State University - Long Beach

Master's of Science - Computer Science

Long Beach, CA

August 2024 – May 2026

- Coursework : Adv. Analysis of Algorithms, Adv. Software Engineering, Artificial Intelligence, Pattern Recognition

Dharmsinh Desai University

Bachelor's of Technology - Computer Engineering

Nadiad, IN

July 2019 – May 2023

- **GPA: 9.29/10.00.** Coursework : Data Structures & Algorithms, Object Oriented Programming, Software Engineering, Machine Learning, Computer System Architecture, Operating Systems, Computer Networks, Big Data Analytics, Web Development

Experience

GlobalLogic

Software Engineer

Ahmedabad, India

February 2024 – July 2024

- Engineered a robust data migration tool utilizing **.NET** and **LINQ** that facilitated the transfer of over **1 million records** from MSSQL to PostgreSQL, ensuring zero downtime during the transition process.
- Implemented data monitoring processes for **Kafka** clusters using **Datadog**, reducing notifications lag between cross-environments by **40%**.
- Implemented **CI/CD** pipelines using **Github actions** to reduce the deployment period by **50%**.
- Demonstrated proficiency in **Agile methodology**, resolving **100+ JIRA bugs** on time by using **Azure Monitor Application Insights**, reducing customer-reported vulnerabilities by **45%**.

HhaExchange

Associate Software Engineer, R&D

Ahmedabad, India

December 2022 – February 2024

- Architected an automated pipeline leveraging **AWS Step Functions** for parallel computing and **.NET-based AWS Lambda** for syncing office profile of **4000** healthcare providers every day, resulting in **30%** less infrastructure costs.
- Achieved website accessibility **WCAG Level-A and AA** standards, improving user interface & experience **UI/UX** by **35%**.
- Implemented standardized **Angular components** leading to increase in reusability across departments by **50%**.
- Wrote **Xunit test cases** to verify business logic and achieved more than **80%** code coverage.

Lealmart India Pvt. Ltd.

Web Developer Intern

India

May 2021 – June 2021

- Integrated **eCommerce** features like Cart, Wishlist, and customer account management, expanding the B2B platform to support B2C resulting in addition of **1000+** new user accounts.
- Crafted **inventory management** for order tracking and billing, along with real-time notifications for vendors and admins, streamlining the purchasing process and operational efficiency by **40%**.
- Integrated third-party **authentication** system and developed middleware for various authorization levels, reducing signup and login times by **40%**.

Skills

Languages C, C++, C#, Java, Python, Javascript, Typescript, HTML/CSS

Frameworks .NET CORE, Angular, Node.js, ReactJS, Django

Cloud/DevOps AWS, Docker, Kubernetes, Jenkins, Octopus, TeamCity

Databases Oracle SQL, MS SQL, PostgreSQL MongoDB, DynamoDB, Redis

Others JIRA, Bitbucket, Github, Linux, Visual Studio, Apache Kafka, Postman, REST API, Datadog, Azure Monitor

Projects

Agile Scrum Board | *Angular, Node JS, Express JS, MongoDB* | [Link](#)

April 2023

- Developed a project management tool to facilitate agile development methodologies which helps teams to manage, assign and prioritize tasks effectively.

Servify | *.NET CORE, C#, MSSQL, Javascript* | [Link](#)

January 2022

- Created a Services Booking System that allows users to easily book household services while enabling skilled laborers to apply and register as service providers.

MatchMakers | *ReactJS, Express, Node.js, MongoDB* | [Link](#)

November 2021

- Designed a matrimonial system to help users create their profile, find their desired marriage partner and request meetings with prospective matches.

Gold Loan Finance Management System | *Django, Python, MongoDB* | [Link](#)

April 2021

- Engineered a system that allows users to mortgage gold, calculate EMI payments, and track real-time gold prices, streamlining financial decision-making and user interactions.