

Aditya Thakkar

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Education

California State University - Long Beach

Long Beach, CA

Master's of Science - Computer Science

August 2024 – Expected Graduation May 2026

- Coursework : Analysis of Algorithms, Software Engineering, Artificial Intelligence

Dharmsinh Desai University

Nadiad, IN

Bachelor's of Technology - Computer Engineering

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

Technical Skills

Languages	: C, C++ , C#, Java, Python, Javascript, Typescript, HTML, CSS
Web Technologies	: ASP .NET, .NET CORE, React, Angular, Django, Angular, NodeJS, jQuery, Bootstrap
Databases	: Microsoft SQL Server, MySQL, PostgreSQL, MongoDB, DynamoDB, Redis
Other:	: Kafka, Github, Visual Studio, Jira, Bitbucket, Postman, Swagger, Confluence, Shell scripting
Cloud/DevOps	: AWS, Docker, Kubernetes, Jenkins, Selenium, Octopus, TeamCity

Experience

GlobalLogic

Ahmedabad, India

Software Engineer

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**, debugging using **Azure Monitor Application Insights** resolving **100+ JIRA bugs** on time, reducing customer-reported vulnerabilities by 45%.

HhaExchange

Ahmedabad, India

Associate Software Engineer, R&D

December 2022 – February 2024

- Architected an automated pipeline using **AWS Step Functions**, **ASP.NET Core Lambda** and integrated **REST APIs** for syncing office profile of **4000** healthcare providers at regular intervals, achieving a **30%** reduction in infrastructure costs.
- Mentored a team of **5+ members** for achieving 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%**.
- Developed **Xunit test cases** to verify business logic and achieved more than **80%** code coverage.

Lealmart India Pvt. Ltd.

India

Web Developer Intern

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%**.

Projects

Agile Scrum Board 🗂️ | Angular, Node JS, Express JS, MongoDB

April 2023

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

Handwritten Character Recognition 🗂️ | Django, OpenCV+Python, Tensorflow

Mar 2022

- A deep learning project utilizing **Convolutional Neural Networks (CNN)** to predict English handwritten characters which electronically converts images of handwritten text into machine-encoded text, achieving an accuracy of 86%.

Servify 🗂️ | .NET CORE, C#, MSSQL, Javascript

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

November 2021

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

Extracurricular

Operations Coordinator | CSULB ACM (Association for Computing Machinery) Committee

- Spearheaded the overall planning and coordination of a 150+ participant hackathon.