

JAYDEEP GONDALIYA

Phone

626-625-5783

Email

jaydeepgondaliya182@gmail.com

Address

Los Angeles, CA

SUMMARY

- 5+ years of experience in development, design and implementation of various web application using NodeJs, ExpressJs and REST API.
- Results-driven software developer with comprehensive knowledge of the Software Development Life Cycle (SDLC) and various development methodologies.
- Experience on Data Processing, Natural Language Processing using python libraries.
- Graduate student in Computer Science with a strong foundation in AI and machine learning. Seeking opportunities to apply my expertise in algorithm development, data analysis, and model evaluation
- Proficient in Data structures and Algorithms.
- Excellent debugging skills.
- Quick learner, adaptive to learn modern technologies
- Follower of Agile methodology.
- Experience on continuous integration and delivery.

EDUCATION

Masters in Computer Science

California State University, Los Angeles | Los Angeles, California | May 2025

Bachelor of Computer Engineering

Gujarat Technological University | Gujarat, India | Jun 2017

RELEVANT COURSEWORK

Advanced Software Engineering

- Gained in-depth knowledge of software design patterns, architecture, and testing methodologies.
- Learned to apply agile methodologies and DevOps practices for efficient software development and deployment.
- Enhanced skills in project management, requirement analysis, and the use of tools like Jira and Git for collaborative development.

Advanced Topics in AI

- Explored advanced machine learning algorithms, including deep learning, reinforcement learning, and neural networks.

Introduction to Data Science

- Acquired foundational skills in data analysis, manipulation, and visualization using Python libraries like Pandas, NumPy, and Matplotlib.
- Gained experience with data cleaning, feature engineering, and model evaluation.

Advanced Web Development

- Learned advanced concepts in responsive design, server-side rendering, and web performance optimization.

SKILLS

Languages::

Java / JavaScript / Python / HTML / CSS

Backend:

Node.js / Python / ExpressJs / Spring Boot

Front End:

Vue.js / React

Database:

MongoDB / MySQL / NoSQL

Tools/Libraroes ::

pandas / scikit-learn / numpy / matplotlib

PROJECTS

AI Town Simulation

Oct 2023 - Dec 2023

<https://github.com/Jdpatel180296/ai-town.git>

Technologies Used: JavaScript, TypeScript, Node.js, Python, GPT-4 API, Convex

- Developed an interactive AI simulation called **AI Town** using the GPT-4 API, where autonomous agents roam a virtual town and engage in dynamic conversations based on predefined interests and personalities.
- Implemented agent behaviors and interactions using JavaScript and TypeScript, allowing agents to communicate and respond naturally in real time.
- Deployed the application using **Convex**, enabling real-time data synchronization and live updates for ongoing agent conversations.
- Demonstrated proficiency in using modern web development frameworks and APIs, showcasing a robust understanding of functional programming and asynchronous programming paradigms.

Restaurant Application

Sep 2023 - Nov 2023

<https://github.com/Jdpatel180296/app>

- Designed mobile application using React Native and Firebase with 76% efficiency to ensure seamless user experience.
- Used QR code for table reservation and assignment. And implemented sorting and searching algorithms to search food items 83% more faster.

EXPERIENCE

SR. Software Developer

Alphaved Pvt Ltd | Surat, Gujarat, India | Jun 2020 - Jul 2023

- Implemented use of Libraries such as **Retrofit** for Asynchronous data storage in applications to reduce call to Database leading to a **24%** improvement in **database response times** and overall website performance.
- Enhanced system efficiency by **65%** through the implementation of robust and scalable backend solutions using Node.js, and Express.js.
- Managed project resources effectively, resulting in a **20%** reduction in **project costs** while maintaining high-quality standards.
- Developed RESTful APIs using Node.js and Express.js, achieving a **40%** improvement in **API response times** and reliability.

Software Developer

Webcodez Infoway | Rajkot, Gujarat, India | Feb 2018 - May 2020

- Revamped testing and debugging processes, employing tools like **Jest and Enzyme** for React components, leading to a **90%** reduction in performance bottlenecks and significant improvements in load time.
- Worked with team to implement new feature of Recommendation by analyzing operational area and personal choices of furniture, which have increased the users by **27%**

CERTIFICATIONS

Walmart's Advanced Software Engineering Job Simulation

Forage | Sep 2024 - Present

- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a **heap data structure** in Java for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Designed a UML class diagram for a **data processor**, considering **different operating modes** and **database connections**.

J.P. Morgan Software Engineering Virtual Experience on Forage

Forage | Jul 2024 - Present