

Abhayrajsinh Parmar

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Education

Bachelor of Engineering – CGPA: 9.36/10.0

Oct. 2020 – June 2024

New LJ Institute of Engineering and Technology

Ahmedabad, India

Coursework

Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Machine Learning, Database Management System, Object Oriented Programming, Agile, Internet of things, Deep Learning, Natural Language Processing, Big data Analytics, Web Application Development

Technical Skills

Programming:	Python, JavaScript, PHP
Web Technologies:	Node.js, Express.js, jQuery, Ajax, Django, HTML, CSS, Bootstrap,
Frameworks & Libraries:	Pandas, NumPy, REST API, Matplotlib, seaborn
DevOps & Tools:	Git, Docker, SQL PLUS, Jupyter Notebook, Tableau
Databases:	MySQL, PostgreSQL, SQL
Cloud & Deployment:	AWS
Version Control & OS:	GitHub, Git
AI/ML Skills:	Machine Learning, Generative AI, Data Analysis
AI/ML Libraries:	TensorFlow, NumPy, pandas

Experience

Software Developer Intern | CreArt Solutions

Jul 2023 – Aug 2023

- Worked with Python and Django to develop and implement backend functionalities for the Notice Hub project, improving the company's internal notice management system.
- Collaborated on the integration of frontend and backend using JavaScript and HTML, optimizing performance and user interaction for mobile application features

Software Developer | ADS Vizion

June 2024 – Present

- Developed and maintained accounting software using Node.js for backend development and MySQL for database management.
- Designed and implemented RESTful APIs to handle various accounting functionalities such as invoicing, financial reporting, and transaction management. Collaborated with a cross-functional team to gather requirements, design system architecture, and seamless integration of features.

Projects.

Accounting Software

- Developed accounting software with user authentication (login/signup) that allows adding new users and customers, while enabling the generation of e-invoices and e-GST.
- Implemented backend functionality for viewing, editing, and updating customer details to ensure seamless data management.

Shipping Management Software

- Developed a shipping website with modules for load and unload jobs, including supplier and party details, cargo types, and vehicle information.
- Implemented features for generating reports, managing accounts with party and supplier masters, and handling user access for godown and admin modules.

Flappy Bird

- Designed and developed a Flappy Bird game using Python, incorporating three customizable difficulty levels (1, 2, and 3).
- Implemented dynamic gameplay mechanics where speed progressively increases and the gap for passing through obstacles decreases as levels advance, enhancing the challenge.

AI Assistant

- Built a cross-platform AI Voice Assistant (HTML/CSS/JS + Python + Eel) with hot-word detection, real-time UI, chat history, and Llama-powered NLP responses that open desktop apps/websites, run system commands (SQL-backed), and stream requested YouTube content.
- Added parallel background processing plus ADB-driven mobile & WhatsApp automation (message / call / video-call to contacts), delivering a hands-free personal assistant experience

Localify

- Built a home services platform enabling users to book services (e.g., haircut, cleaning, repair) from individual service providers based on reviews, ratings, pricing, and contact info.
- Implemented self-registration for providers, allowing individuals to list their services with custom pricing and details, creating a user-driven marketplace without relying on a central workforce.

Certification

• Artificial Intelligence & Machine Learning	Vodafone Idea Foundation
• Data Science/Machine Learning	Udemy