

KUNAL KUMAR

Ahmadabad, Gujarat

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Education

Parul University

Bachelor of Technology in Computer Science and Engineering (Big Data Analysis)

July. 2020 – May 2024

CGPA 7.61/10.00

Technical skills

Languages: Python, HTML, CSS, SQL , NoSQL

Machine Learning / Data Science: NLP, RNN, CNN, LSTM, Web Scraping, EDA, LangChain, RAG, Fine-Tuning

Frameworks / Libraries: Selenium, BeautifulSoup, Pandas, NumPy, Matplotlib, Seaborn

Developer Tools / Platforms: Power BI, Azure Cloud, Excel, Hugging Face

Work Experience

Vrundaz Technology

May 2025 – July 2025

Jr. Python Developer

Vadodara

- Developed an Automated Job Scraper with Cloudflare/reCAPTCHA bypass, exporting structured job data into Excel and visualizing via Flask.
- Built an AI-powered autofiller extension using Regex and OpenAI API to auto-complete forms and handle CAPTCHAs.
- Operated as the sole Python developer in a PHP-based environment, independently managing all Python automation projects end-to-end.

Laverne Fintech Pvt. Ltd

September 2024 – April 2025

PHP and Web Supporter

Vadodara

- Designed and developed the company website using WordPress, HTML, CSS, PHP and SQL.
- Provided IT support, troubleshooting and resolving technical issues, ensuring minimal downtime and a smooth operational workflow for employees.
- Worked with the HR department to gain management skills and collaborated with the Digital Marketing team on website design and digital marketing strategies.

Experience Projects

AI-Powered Autofiller Browser Extension | JavaScript, Python, OpenAI API, Regex/Pattern Matching

June 2025

- Developed an AI-powered browser extension that automatically extracts data from resumes and autfills job application forms across multiple domains.
- Implemented pattern matching (Regex) to map user data with form fields, enabling accurate and scalable autofilling.
- Integrated OpenAI API to generate professional responses for custom application questions based on resume content.
- Designed support for single-page and multi-page forms across different websites with dynamic adaptability.
- Implemented CAPTCHA bypass mechanisms for seamless form submissions.
- Delivered a robust automation tool that reduced manual effort and accelerated job applications.

Travel Planning AI Agent | Python, LangGraph, PostgreSQL, Llama, HTML, CSS, JavaScripts

May 2025

- Built an advanced AI travel planner using LangGraph, Flask, and PostgreSQL with full multi-turn conversational flow.
- Integrated Llama 3.3 70B via OpenRouter for intelligent preference extraction, reasoning, and follow-up handling.
- Implemented persistent storage with SQLAlchemy for user authentication, conversation logs, and context management.
- Added real-time weather and currency conversion features, and deployed the full system on Render.com with CI/CD.

Professional Certification

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Accredited Power BI Specialist (LinkedIn)

- Excel Master Certification (LinkedIn)
- Certified in Internet of Things (NPTEL)

Achievement

Bangalore House Price Predication

3 March 2024

Research Paper, IJRCT

Parul University

- Published in International Journal of Creative Research Thoughts (IJCRT), March 2024
- Investigated the application of machine learning algorithms to predict housing prices, contributing insights into urban real estate market dynamics
- Implemented regression models (Linear, Lasso, Ridge, Elastic Net) achieving up to 89.49 percent accuracy, with data cleaning and visualization for precise prediction.