

Kush Jariwala

+917096034585 | kushjariwala785@gmail.com

SUMMARY:

Disciplined, motivated, and solutions-focused engineering professional with combined education and experience in the areas of Software Engineering and Electronic Experience, Android Development and project management.

TECHNICAL SKILLS:

- **Frontend:** HTML5, XML, CSS, BOOTSTRAP, ASP.NET, VB.NET, C++, C, Python(Basic)
- **Database:** MySQL, Firebase, SQLite
- **Software:** VisualStudio 2016 Pro, Ms-Office, Android Studio, Arduino IDE, PictoBlox, MBlock, VexCode Postman, API
- **Hardware:** Arduino Uno, Esp32, Quarky, Arduino Nano, Raspberry Pi

EXPERIENCE:

Assistant Professor: Parul University | Jan 2025 – Present

- Teaching undergraduate and postgraduate courses in Machine Learning, covering supervised/unsupervised learning, model evaluation, and real-world applications using Python and associated libraries (e.g., Scikit-learn, TensorFlow).
- Leading curriculum development efforts in alignment with the National Education Policy (NEP) 2020, focusing on outcome-based education and interdisciplinary learning models.
- Actively involved in the design and revision of the AI syllabus, incorporating emerging topics such as deep learning, ethical AI, and data-driven decision making to ensure industry and research relevance.
- Mentoring students in academic projects and guiding them through research in machine learning and artificial intelligence.
- Collaborating with faculty on pedagogical innovation and integration of ICT tools for enhanced classroom engagement.
- Contributing to the ICT Cell for PULMS (Parul University Learning Management System), focusing on the implementation and support of digital tools to improve teaching and learning experiences.

Technical Trainer: Robo+ EduTech | April 2024 – Jan 2025

- **Teaching Robotics and AI:** Delivering lessons on robotics and AI principles, including hands-on training with Arduino Uno, Nano, and ESP32.
- **Software Training:** Guiding students in using software tools such as Arduino IDE, Pictoblox, and Mblock for programming and project development.
- **Project-Based Learning:** Leading practical projects to apply concepts in real-world scenarios and enhance problem-solving skills.

Marketing and Intern of Robotics: Computer Shop | Jan 2024 - Feb 2024

- **Marketing Strategy Development:** Assisted in creating and executing strategies to enhance the visibility of AI and robotics products in the educational sector.
- **Market Research:** Conducted research to identify potential school partnerships and track emerging trends in educational technology.
- **Event Coordination:** Helped organize promotional events and workshops to demonstrate Stempedia's products and connect with educators and school administrators.
- **Reporting and Analysis:** Provided regular updates and reports on marketing activities, assessing their impact and effectiveness.

Web Developers: IBM | June 2023 - July 2023

- **Web Development:** Created and enhanced web pages using HTML, CSS, and JavaScript.
- **Responsive Design:** Applied responsive design principles to ensure a seamless user experience across various devices.
- **Collaborative Project:** Worked with a team to design and develop a project called TravelNest.
- **Testing and Debugging:** Identified and resolved website errors and bugs through thorough testing and debugging.

CERTIFICATE:

Microsoft Certified: Power Platform Fundamentals (PL-900)

Credential ID: A4E11BEF5E3AB2B9

Certification Number: E3V563-4B1BD5

PROJECT:

SuperShop: Website of Php

- **Home Page:** Developed using PHP for dynamic content and SQL for real-time data.
- **Category Management:** Implemented PHP scripts and SQL queries to manage and display product categories.
- **Product Pages:** Created with PHP to fetch and show product details from the SQL database.
- **Search Functionality:** Added search features with PHP and SQL for product filtering.
- **Cart System:** Built with PHP sessions and SQL to manage and update cart contents.
- **Payments:** Integrated payment processing with PHP and stored transaction details in SQL.
- **Order Management:** Used PHP for order processing and SQL for tracking order data.
- **Invoice Generation:** Created invoices using PHP and SQL for transaction details.
- **User Registration/Login:** Developed registration and login systems with PHP and SQL.
- **User Dashboard:** Designed a dashboard with PHP to manage user accounts and SQL for data retrieval.

TravelNest: IBM Project

- **Overview:** Contributed to the development of TravelNest, a web application designed to help users plan and manage their travel itineraries.
- **Technologies Used:** HTML, CSS, JavaScript for front-end development; PHP and SQL for back-end functionality.

School Details Management System

- **Technologies Used:** Python, Tkinter, OpenPyXL, Pillow (PIL), Excel, Logging
- **Description:** Developed a user-friendly Python GUI application to manage school records such as city, school name, principal name, address, contact number, and email using an Excel file as a backend data source. The system allows users to insert, update, fetch, and delete records dynamically. Integrated with logging capabilities to capture user actions and errors for better troubleshooting and tracking.
- **Key Features:**
 - **Excel Integration:** Fetch, update, and manage school records from an Excel file.
 - **Data Validation:** Ensured input validation for fields such as email and contact numbers.
 - **User Interface (Tkinter):** Built an intuitive and responsive graphical user interface for seamless user interaction.
 - **Logging:** Integrated detailed logging to track user actions and errors.
 - **Image Handling:** Implemented logo addition and UI customization using the Pillow library.
 - **Clear and Delete Options:** Added functionality to reset input fields or remove records based on a unique identifier.

Education:

Phd in Computer Science using AI | July 2025 – Pursuing

Master Of Science In Information Technology | August 2022 – December 2024 | CGPA: 7.98

Bachelor of Computer Application | August 2019 – May 2022 | CGPA: 7.02