

# Vijay Patil

Mo.No: +91 8830564686 Portfolio: [www.sdevijay.somee.com](http://www.sdevijay.somee.com) Email: [vp0013621@gmail.com](mailto:vp0013621@gmail.com) LinkedIn: <https://www.linkedin.com/in/vijaypatilsoftwareengineer/> GitHub: <https://github.com/7875Vijay>

## EDUCATION

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### Parul university

Computer science and engineering

Vadodara, Gujrat, India

July 2021 - March 2024

CGPA: 8.58/10

## TECHNICAL SKILLS

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**Programming Languages:** JavaSE, javaEE, CSharp, Dart ,Python, HTML/CSS/JS

**Frameworks and Libraries:** Spring, Hibernate, JSP, Jakarta, Maven MVC, .Net MAUI, .NET Core, .Net MVC, NodeJS, ExpressJS, Flutter

**APIs:** Servlet, JDBC, Swagger(Logocommerce), Google map, Weather, Geolocation,

**ML Architectures:** Fundamentals and Handson (CNN, Decesion tree, Regression, Classification)

## WORK EXPERIENCE

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### Full stack software developer

Unique air express, Pune Maharastra, India

Dec 2023 - current

- Task - Development of .Net MAUI UniqueAE Logocommerce android full stack application. working with MAUI framework and Logistics Swagger API, backend services of the shipment tracking, live location tracking, background sync service, forground tracking, live shipping status updates, barcode scanning feature, document uploading, digital drawing signature with different color pens, authentication and authorization, session management, system compatibility checks, version controll etc
- Features developed - Shipment tracking, employee live location tracking, status masters tracking, camera, signature, documents attachments, UI/UX, authentication, validations, auto sync with server, Project management and scrum development.
- Achievements - successfully released the final version, knowledge of CSharp, .net mvc, .net MVC core, Android development, .net MAUI, SQL SSMS, SQLite, XAML, swagger API handling, team work, decesion making, testing, guidance.
- Contact person: [Kiran Patil +918668589724](tel:+918668589724)

### Internship

SAP Code unnati, Gujrat, India

July 2022 - March 2023

- Finalist of state level hackthon organized by SAP in GTU CampusAhmedabad.
- Snake bite and antidote prediction system machine learnign project with mentor guidance, Presented the idea of the project, developed the nearest hospital search, CNN model with team, front-end of project, data collection, data ogmentation, feature selection, presentation
- Image Processing, Data Ogmentation and preprocessing, Plotting etc
- Contact person: [Piyush sharma+9181095 22931](tel:+918109522931)

## PROJECTS

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- **1] UniqueAE** — Developed a comprehensive cross-platform application for tracking international logistics and shipments. UniqueAE provides real-time location tracking for shipments, facilitates easy documentation, and ensures robust authentication for employees and shipments. Key features include image capture, document scanning, signature collection, live location tracking, shipment progress monitoring, and communication capabilities.  
**Tech Stack:** .NET Core and .NET MAUI.  
**Primary Language:** CSharp  
**Frontend:** .NET MAUI and XAML  
**Backend:** .NET Core  
**Database:** SSMS and SQLite  
**APIs:** Google Maps, Google Vision Library for barcode scanning, Logocommerce Swagger REST API.
- **2] My Portfolio** — Developed an interactive portfolio website with a frontend designed using **HTML/CSS, jQuery, JavaScript**, and **Bootstrap**. On the backend, utilized **.NET Core MVC** with **REST API** and **SSMS**

- Implemented features such as **real-time chat**, **email functionality**, **resume upload and download**, **role management** for admin and users, **dynamic webpages**, **shared views**, and **project showcase**.
- Integrated **REST API authentication**, **cookies**, **session management**, and **user login and registration**.
- Deployed the application using the free tier of **Somee.com**.

Demo: [www.sdevijay.somee.com](http://www.sdevijay.somee.com)

- **3] Snake Bite and Antidote Prediction System** — Developed a machine learning web application that identifies snake species from bite patterns and recommends suitable antidotes to reduce snakebite-related fatalities. Implemented using a **Convolutional Neural Network (CNN)** for precise predictions.  
**Tech Stack:** **Python** for development, **CNN** for machine learning, **HTML/CSS** for frontend, **Django** for backend, and **SQLite** for database.
- **4] Weather App** — Created an interactive weather application featuring a dynamic frontend built with **HTML**, **EJS**, and **CSS**. Integrated a **free weather API** for real-time weather data and developed the backend using **Node.js**. Deployed the application on GitHub. [Try it!](#)

#### CERTIFICATION

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- IOT Certified by NPTEL - silver [NPTEL23CS83S849503896](#)
- Cyber security Certified by DSCI, Queckheal, Microsoft [DSCICSF-2023-PU545](#)

#### ACHEAVEMENTS

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- **SAP code unnati hackathon finalist** in Gujrat state - March 2023
- **Center of excellence coordinator** in parul university July 2022 - May 2023