

PRADEEP JOEL

SOFTWARE DEVELOPER



7871257301



pradeepjoel01@gmail.com



Chennai



Pradeep Joel



<https://github.com/Joel0403>

PROFILE

As a passionate technology enthusiast and adept Software Developer, I thrive in fast-paced environments, steering towards achieving both organizational and personal objectives. I am dedicated to continual learning, fostering a strong desire to master emerging technologies. With a fervent dedication to my craft, I embrace challenges enthusiastically, seeking to contribute innovative solutions while adapting seamlessly to dynamic work settings.

SKILLS

- Web Technologies: HTML, CSS, SCSS
 - Programming Languages: Python , Javascript
 - Database : MongoDB , SQL
 - Framework and libraries: Bootstrap , Flask , Numpy , pandas , BeautifulSoup
 - Tools: Visual Studio, Visual Studio Code, SourceTree, Bitbucket, JIRA, Git
 - Soft Skills: Problem-solving, Team Collaboration, Performance Optimization
-

WORK EXPERIENCE

Mocero Health Solutions - IIT Madras Incubation Startup (February 2022 - Present)

PYTHON DEVELOPER

- Designed and developed scalable backend systems and applications using Python, Flask, FastAPI, and MongoDB, ensuring high performance and reliability.
- Collaborated with cross-functional teams to integrate backend logic with frontend design and functionality, resulting in seamless user experiences.
- Spearheaded the development of innovative solutions, including chatbots for WhatsApp and mobile apps, web scraping projects with BeautifulSoup, and data processing pipelines with NumPy and Pandas, leveraging full Meta tools and APIs, OpenAI APIs, and third-party APIs to drive automation and efficient data analysis.

FRONT-END DEVELOPER

- Spearheaded the development and maintenance of responsive web applications using HTML, CSS, SCSS, JavaScript, Vue.js, and Bootstrap. Engaged with cross-functional teams to ensure the seamless integration of design and functionality.

- Played a key role in crafting websites and web applications, enhancing user experience and performance through innovative solutions. Implemented API integrations to ensure seamless data flow and application functionality.
-

PROJECTS

DATA SCRAPING

- Led web scraping initiatives using Python scripts and tools such as BeautifulSoup and Scrapy
- Developed a custom web scraping framework for collecting market data from competitor websites and storing it in an SQL database

TECH STACK : **NUMPY | PANDAS | BEAUTIFULSOUP | SQL | PYTHON**

WHATSPP CHATBOT

- Integrated chatbots with external APIs for real-time information retrieval and delivery to users
- Implemented Google Dialog Management techniques to create dynamic and context-aware conversations
- Gained full knowledge of Meta's capabilities, including payments, phone number integration, and creating business managers for apps and webhooks
- Developed and deployed a two-way chatbot solution for customer support, improving response time and user satisfaction.
- User can book an appointment through whatsapp , They can access their records then referral flow atlast order medicine
- Developed custom WhatsApp templates using WhatsApp Business API for automated and personalized messaging
- Worked closely with Meta tools to integrate our products, including CRM and HMS.

TECH STACK : **Python | Flask | MongoDB | SQL | Google Dialogflow | Firebase |Meta Tools**

OPEN AI PROJECT

- Utilized the API to create dynamic and context-aware applications, driving innovation and efficiency in user engagements
- Using Open AI API created a chatgpt for Internal office Use .
- Leveraged the OpenAI API to develop intelligent and conversational AI solutions, enhancing the functionality and user experience of various applications.

TECH STACK : **Python | Open AI | Streamlit | HTML**

LIVE BIOTECH WEBSITE

- Developed responsive design,enabling seamless accessibility across various devices. User-friendly forms are integrated to facilitate easy data submission and engagement.
- Key Features: Highlighting a comprehensive range of healthcare services offered by user
Emphasizing accessibility standards to cater to diverse user needs.

TECH STACK : HTML5 | CSS | BOOTSTRAP

MEDWAY HOSPITAL WEBSITE

- Designed and developed the Medway Hospitals website, providing a platform to showcase hospital services and enhance patient engagement. The website incorporates responsive design principles and interactive forms for streamlined communication
- Key Features: Ensuring optimal viewing experience across various devices, enhancing ,accessibility for all users.Focused on intuitive navigation and clear presentation of hospital services.

TECH STACK : HTML5 | CSS | BOOTSTRAP

MOCERO WEBSITE

- Developed responsive design,enabling seamless accessibility across various devices. User-friendly forms are integrated to facilitate easy data submission and engaged
- Key Features: Highlighting a comprehensive range of healthcare services offered by user
Emphasizing accessibility standards to cater to diverse user needs.

TECH STACK : HTML5 | CSS | BOOTSTRAP

EDUCATION

BACHELOR OF COMPUTER APPLICATIONS (6.75 CGPA)

Vels Universtiy (2018-2021)

INTERESTS

- PYTHON DEVELOPER
- FULL STACK DEVELOPER