

DEEPAK BORANA

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EDUCATION

Padre Conceicao College of Engineering

Bachelor of Engineering (B.E.) in Computer Engineering, C.G.P.A: (9.0/10.0)

Goa

Apr 2021 - Present

St. Andrew's Higher Secondary School

Percentage: 77.33

Goa

Mar 2020 - Mar 2021

EXPERIENCE

Megalon Software Pvt. Ltd.

July 2024 - August 2024

Software Engineer Intern

- Developed and maintained applications using .NET architecture, gaining hands-on experience with Onion and Clean Architecture.
- Implemented Entity Framework Core with MySQL to streamline database access using Code First and Database First approaches.
- Integrated Tally with .NET for ledger and transaction management via XML requests.

PROJECTS

DrawMath | ReactJS, Python, TypeScript, Gemini API

October 2024

- Created an enchanting calculator inspired by iPad Math, bringing your drawings to life by interpreting and solving mathematical expressions from hand-drawn inputs.
- Seamlessly integrated with the Gemini API, enabling it to answer a wide array of mathematical queries, making problem-solving a delightful experience.

EyeOnYou | Python, OpenCV, Dlib, Pygame

April 2024

- Developed a real-time drowsiness detection system that monitors driver alertness by analyzing eye aspect ratio through webcam input.
- Implemented visual alerts and audio notifications to prompt drivers upon detecting drowsiness, enhancing road safety.
- Utilized Dlib for accurate facial landmark detection and OpenCV for robust image processing, ensuring reliable performance in diverse lighting conditions.

BookMyDoc | PHP, HTML, CSS, SQL

December 2023

- Developed a web-based appointment system with CRUD functionality for managing doctors, patients, and schedules.
- Enabled patients to browse doctors, request appointments, and manage their accounts.
- Implemented role-specific features for admins, doctors, and patients to streamline the appointment process.

SKILLS

Programming Languages: C/C++, Python, HTML, CSS, JavaScript, SQL

Technologies/Frameworks: Git, .NET, ReactJS, MongoDB, Postman

Technical Skills: Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Computer Networks (CN), Operating Systems (OS)

Soft Skills: Problem Solving, Critical Thinking, Teamwork, Communication, Adaptability, Time Management

ACHIEVEMENTS AND CERTIFICATIONS

- NPTEL - Programming in Java 2024
- Google Cloud Computing Foundations and Generative AI 2023
- Won Third place for Inspirathon, a part of "INSPIRUS 7th Edition" (2023), conducted by Don Bosco College Of Engineering, Fatorda, Margao, Goa.