

OYSTURN VAS

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EDUCATION

Don Bosco College of Engineering

Fatorda, Goa

Bachelor's of Engineering in Computer Engineering - 9.24 CGPA

WORK EXPERIENCE

Patnekars Private Limited

Margao, Goa

Technical Consultant

Aug 2023 - Present

- Introduced an automated onboarding process, saving 3 hours per client by implementing efficient code structures and leveraging CodeIgniter, PHP, and AWS cloud.
- Developed and deployed a tailored software solution boosting customer satisfaction by 20%, utilizing a blend of custom coding, MVC architecture and Frontend Technologies.
- Provided guidance and technical recommendations on integrating efficient technologies, resulting in a 15% cost reduction.

Patnekars Private Limited

Margao, Goa

Software Engineering Intern

- Coordinated with a team to implement and launch an online marketplace that connects users with the hyperlocal environment around them using Amazon Web Services, PHP, and MySQL technologies.
- Collaborated with cross-functional teams to define and prioritize critical features for the application using Trello.
- Implemented agile methodologies, which resulted in better data-driven decision-making and faster deployment, improving performance and accessibility of information by 35%.

BaassFx

Ponda, Goa

Graphic Designer

- Designed user-engaging materials using Adobe Illustrator and Photoshop, including colour schemes, logos, and icons for new product launches.
- Trained with multiple on-site teams to create interactive prototypes for client presentations, resulting in a 40% increase in client satisfaction scores.

PROJECT EXPERIENCE

Patnekars Private Limited

Margao, Goa

Goancart - A hyperlocal marketplace

Nov 2022 - Jul 2023

- Orchestrated the development and execution of a comprehensive project plan for the application, resulting in the on-time delivery of a fully functional product, meeting all client specification.
- Technology Used: MVC Architecture, CodeIgniter, PHP, Javascript, Bootstrap, Amazon Web Services.

Don Bosco College of Engineering

Margao, Goa

Preemptive Symptom based COVID-19 Diagnosis

Mar 2022 - May 2022

- Developed and trained a machine learning algorithm to accurately diagnose COVID-19 based on symptom data, resulting in a 95% accuracy rate.
- Engineered and deployed a user-friendly web application for the college faculty and students resulting in a reduction of hospital visits.
- Technology Used: Python, Flask, Django, Jupiter Notebooks, Google Colab

Don Bosco College of Engineering

Margao, Goa

COCO - Mental Health App for students

- Conceptualized and developed a cutting-edge mental health application using React Native, Flask, and Python, pioneering live therapy sessions facilitated by certified therapists, personalized mental health assessments, and an

anonymous chat feature for users seeking guidance and support.

- Collaborated with mental health professionals to design comprehensive mental health assessment tests integrated into COCO, empowering students to gain insights into their mental well-being, identify areas needing attention, and access anonymous chat functionality for confidential support and advice.

EXTRA-CURRICULAR EXPERIENCE

Don Bosco Computer Student Council

Margao, Goa

Head Organizer

Jun 2021 - Mar 2022

- Coordinated a mentoring program during hackathons, pairing experienced professionals with college students.
- Conducted sessions on emerging technologies for students of different levels, increasing student knowledge.

Smart India Hackathon 2022 (2nd Place)

Hubli, Karnataka

Team Lead

- Achieved recognition as a national representative at the Hackathon, highlighting our institution's commitment to innovation and scientific excellence.

Tech Mania 2022 & 2023 (2nd Place)

Margao, Goa

Team Lead

- Participated in this inter-college event for two consecutive years to develop innovative solutions to many problems in Goa.
- Demonstrated a live working project with real-life data to angel investors, community representatives, and college heads.

PUBLICATIONS

"Hyperlocal marketplace - transforming unorganized localized marketplace with future tech", ICAC3N, 2023 IEEE XPLORE COMPLIANT ISBN No. 979-8-3503-3086-1

SKILLS & INTERESTS

Skills: MongoDB, Express JS, React, NodeJs, Javascript, PostgreSQL, PHP, Amazon Web Services.

Interests: Reading (Non-Fiction, Technology), Cycling