Oswin Alex

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ACHIEVEMENTS

- **Winner**, Smart India Hackathon 2023
  Problem statement SIH1366: Centralized System for De-addiction Centers
- **Finalist**, Centralized System for De-addiction Centre, Yukti start-up Innovation Challenge

EDUCATION

- **Bachelor of Engineering in Information Technology** | 7.26 GPA
  Don Bosco Institute of Technology, Mumbai (Expected graduation: 2025)
- **Diploma in Electronics and Telecommunication Engineering** | 74.03%
  Xavier's Technical Institute, Mumbai (August 2019 – July 2022)

ACADEMIC PROJECTS

- **IOT based blind stick**
  Developed a MERN stack-based website for live tracking using WebSocket protocol.Integrated NodeMCU as a microcontroller and GPS module for precise geolocation.
  Project Link
- **Mobile Application for Patients with Addiction**
  Built a Flutter app to help addiction patient's book appointments at nearby rehab centers, featuring a timeline to track recovery progress.
  Project Link
- **Data Analysis and Prediction on Drug Addicts**
  Conducted data analysis on drug usage patterns and recovery timelines across demographics, examining factors like age, gender, and drug type to identify trends.
  Project Link

SKILLS

- **Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js)
- **Mobile Development:** Flutter
- **DevOps:** GitHub, AWS EC2
- **Programming Languages:** Java, Python
- **AI & DS:** pandas, numpy, scikit-learn, Matplotlib, Data Preprocessing

EXPERIENCES

- **Alteryx virtual Data Analytic intern**
  Gained hands-on experience with data analytics tools and techniques, enhancing proficiency in data analysis processes and methodologies
  (April 2024 – June 2024)
- **Web Developer Intern**, **Don Bosco Institute of Technology, Mumbai**
  Worked on updating and maintaining the UI/UX of the institute's website https://dbit.in/
  (September 2023 – August 2024)