

# Deeptej Dhauskar

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## EDUCATION

### Goa Engineering College

*Bachelor of Computer Engineering*

Expected Graduation: Summer 2025

CGPA: **9.279/10.0**

### St. Xavier's Higher Secondary School

June 2021

*Societies: Indian Red Cross, NSS*

Percentage: **89.33%**

### St. Britto's High School

June 2019

*Secured the Second highest SSC Percentage in my Institution.*

Percentage: **90%**

## SKILLS

**Programming Languages:** C/C++, JavaScript, Python, Dart, Kotlin

**Frameworks and Libraries:** Flutter, Django, TailwindCSS, Jetpack Compose, Godot

**Developer Tools:** Git/GitHub, JUnit5, MockK, Postman/Newman, Figma, LaTeX

## PROFESSIONAL EXPERIENCE

### Visteon Corporation | Software Engineer Intern

July 2024 – August 2024

*Visteon is a global leader in cockpit solutions technology and vehicle clusters*

- Automated Implementation testing for a live Visteon clients project, **increasing module code coverage by 28% and line coverage by 22%**, improving code reliability and reducing the risk of defects in a safety-critical automotive environment.
- Developed an Android application leveraging Jetpack Compose, integrating voice-aided search functionality and seamless category transitions; enhanced accessibility for users with visual and motor impairments, promoting inclusivity.
- Technologies:** Android Development using Kotlin & Jetpack Compose, Unit Testing using JUnit5 & MockK

## PROJECTS

### Rosto Radar | Releases | Flutter, Django, Postman/Newman, Figma

Sep 2024 – June 2025

- Designed and developed Android applications using *Flutter* for both users and authorities, enabling **real-time road anomaly detection and mapping**.
- Implemented **map tile caching** and local storage with *Hive* to reduce redundant map data fetching and improve performance.
- Worked on route visualization and enhanced overall user experience through intuitive interaction design.

### JPEG Decoder | C++

Mar 2024 – May 2024

- Developed a JPEG-to-BMP conversion tool in C++ that processes JPEG images by decoding essential markers (e.g. SOI, DQT) and performing key operations such as Huffman decoding, Inverse Discrete Cosine Transform (IDCT), de-quantization, and conversion from YCrCb to RGB color space.
- Demonstrated my understanding of Image Processing techniques and the JPEG image format.

### ClassFetch | Releases | HTML, TailwindCSS, JS

June 2024

- Achieved an **50% reduction in the number of mouse clicks** required to download a file from Google classroom by developing a browser extension that allows bulk downloading files from Google Classroom, **streamlining the file retrieval process** for users.
- Published the extension on the Microsoft Edge Addons store.

### GitHub Rewind | Live Project | HTML, TailwindCSS, JS, Python, Django, GitHub API

Dec 2023

- Implemented a **GitHub OAuth Flow** to allow users to authenticate using their GitHub accounts.
- Used various GitHub API endpoints to fetch user data and display it in a visually appealing way.
- Built the UI using **TailwindCSS** while making it responsive for various screen sizes.

### BetterHalf: A Dating Website | HTML, Tailwind CSS, JavaScript, PHP, MySQL

Sep 2023 – Dec 2023

- Implemented User Authentication, Profile Setup, Dashboard, Discover, Map, Calendar & Chat.
- Used **HTML** and **TailwindCSS** to build a UI and **PHP** to handle server side functionalities like connecting and communicating to the database via PHP using SQL.

## ACHIVEMENTS & EXTRACURRICULAR ACTIVITIES

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### Goa University Hackathon - Infofest in | *Second Place* 🏆

Jan 2025

- Won second place at a 24-hour hackathon hosted by Goa University - Goa Business School for building a dual-solution platform addressing climate change through tech-driven sustainability.
- Developed **Green Routing**, a navigation system recommending routes with the lowest Air Quality Index (AQI) for healthier and more eco-friendly travel.
- Built **Eco-conscious Buying**, a barcode scanner that reveals products' climate impact and GreenScore to guide sustainable consumer choices.

### The Times of India, Technovate for India 🏆 | *Second Runner-up* 🏆

December 2024

- Secured the second runner-up position at the Goa edition of Technovate for India, organized by The Times of India for our idea 'GoaGO', an innovative solution to tackle Goa's ride-hailing challenges and enhance the tourism experience.

### Google Build with AI 2025, Goa - India 🏆 | *Volunteer*

October 2024

- I was a part of the crew for Goa's first Google Build with AI conference and assist with design and event management.

### Google Devfest 2024, Goa - India 🏆 | *Design & Tech Volunteer*

October 2024

- Designed Various assets such as meterboards, banners, agendas and podiums for the event following the DevFest theme using **Figma**.
- Developed the website for the event, using React & StyledComponents.

### Inspirathon (Hackathon), Don Bosco College of Engineering | *Participant*

October 2023

- Developed a web application in a 24-hour hackathon to address the Last Mile Delivery problem, utilizing Django, HTML, TailwindCSS, JavaScript, and Folium.

### Coders Club, Goa Engineering College, Goa - India | *Project Coordinator & Member*

2023

- Organized coding events that attracted over **25+ participants** from multiple branches, fostering cross-disciplinary engagement and collaboration.

### Spectrum 2024, Goa - India | *Coordinator*

March 2024

- Organized and Coordinated SpectraQuest 2024 - A national level Escape Room event during Spectrum 2024

### Microsoft Learn Student Ambassador | *Alpha MLSA*

2024

- Shortlisted for the MLSA program, a global program that recognizes student leaders who are passionate about technology and are eager to share their knowledge with their peers.

## CERTIFICATIONS & COURSES

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### Supervised Machine Learning: Regression and Classification 🏆 | *DeepLearning.AI*

Built and trained supervised machine learning models in **Python** using **NumPy** and **scikit-learn** for prediction and binary classification tasks, including linear and logistic regression.

### Front-End Developer Professional Certificate by Meta | *Coursera*

Introduction to Front-End Development, HTML & CSS in depth, Programming with JavaScript & Version Control.

### Crash Course on Python by Google 🏆 | *Coursera*

Learnt the fundamentals of Python along with various programming best practices and data structures.

### NPTEL (National Programme on Technology Enhanced Learning)

Practical Cyber Security for Cyber Security Practitioners, Responsible and Safe AI Practices

The Joy of Computing using Python, Design and Implementation of Human Computer Interfaces, Cyber Security and Privacy, Programming in Java, Introduction to IoT & Leadership & Team Effectiveness.