

Amit Shinde

Indian Institute of Technology, Goa

Third Year **Undergraduate, Computer Science**

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LinkedIn: www.linkedin.com/in

Github: <https://github.com/AmitIITGoa>

Leetcode: [\[Leetcode\]](#) Codeforce: [\[CodeForce\]](#)

Portfolio : [\[portfolio\]](#)

Education

BTech, Computer Science , Indian Institute of Technology Goa	CPI : 8.57/10	2022 – 2026
Class 12, HSC , Shramik , Junior College Sangamner	Aggregate: 92.33 %	2020 – 2021

Experience

Intern as Data Scientist at Null Classes, Chennai [\[Link\]](#) (May 2024 – Present)

- **Advanced emotion detection** across species using TensorFlow, OpenCV, and real-time webcam integration, exploring emotions through images and voice data while developing a **proper UI** for it.
- **Increased user engagement** and minimized bugs in the code, facilitated **code reviews**, and collaborated on integrating **machine learning** models with web technology.

Intern at OPOC (Web Development Intern) (March 2024 – April 2024)

- Integrated **front-end** design with backend functionalities, using React, HTML, CSS, Tailwind CSS, and JavaScript; improved application load times by 30%, and supported **backend** development for AI interview project.
- Developed **web scraping** program in Python to help the firm download public data, including over 10,000 company descriptions and stock quotes, enriching internal data and increasing research efficiency by over 50%

Projects

E-COMMERCE Website (MERN Stack) [\[Github\]](#) (Jan 2024 – May 2024)

- Designed and implemented a full-stack MERN e-commerce platform with integrated **payment** processing and secure authentication using **JWT**, **CryptoJS**, and encryption for User and Admin data , Fully **Functional Backend**.
- Designed a dynamic UI with **React** and Tailwind CSS, while integrating **MongoDB** for scalable **data management**, decreased page load times by 40% and increased user engagement by 25%
- Implemented using MERN stack (MongoDB, Express.js, React, Node.js), Javascript , Databases , APIs ,Security,Tailwind CSS, JWT.

Face Detection System (Deep Learning) [\[Github\]](#) (May 2024 – June 2024)

- Developed a face detection system incorporating gender detection and age recognition using **CNNs** and Keras , achieving an accuracy of **93%**.
- Created a user-friendly interface (**UI**) using **Pickle**, Python, HTML, CSS, and JavaScript to interact with the face detection system
- Implemented a system using CNNs, openCV , **ImageDataGenerator** , deep learning,transfer learning, **tensorflow** , and **webcam**.

PUBG Winning Percentage Prediction (Data Science) [\[Github\]](#) (May 2024 – June 2024)

- Innovated a PUBG winning percentage predictor using **CatBoost**, incorporating data cleaning, feature engineering, and **decision trees**. Integrated with UI using Keras and Pickle for model persistence , improving win prediction accuracy to **95%**.
- Integrated the predictor with a UI using Keras and Pickle for seamless interaction and model persistence.
- Implemented a system using CatBoost, Seaborn, NumPy, Pandas, **StandardScaler**, HTML, CSS, JavaScript, Pickle, and Keras.

Peer-to-Peer File Sharing (Computer Network)[\[Github\]](#) (Jan 2024 – March 2024)

- Developed a peer-to-peer file sharing system using **Socket.io** and **Python**, improving file transfer efficiency across networks.

Skills

Programming Skills:	C, C++, Python, JavaScript, Fortran, HTML, CSS, React, VHDL, Verilog, LaTeX, AutoCad, Git, Bash, Linux.
Computer Skills:	Hardware design , System design, Microprocessor architecture, Data parallelism, Linux, Git and GitHub, Bash and terminal.
Machine Learning Skills:	Data Science, Deep Learning, Feature Engineering, Data Cleaning, Standardization, OpenCV, TensorFlow, Face Detection (Webcam), NLP.
Web Development Skills:	Full-stack development, RESTful APIs, MERN stack , RESTful APIs, MongoDB, Express.js, Node.js, JWT.
Courses Completed:	DSA, Computer Networks, Computer Architecture, Digital System Design, Algorithm Design, Software Tools, Linear Algebra, Introduction to Economics, Machine Learning(Stanford University)

Positions of Responsibility

Event Coordinator, Cepheus'23 Techfest (IIT Goa)	Coordinated with the team to plan and execute a seamless event	(2023)
Student Mentorship Program	Selected as a mentor for 8 first-year students.	(2023-2024)
Project Head under Dr. Clint Jord	Led the team increating the college communication website and the course registration website for our college (Courses Project).	(2023-2024)

Achievements

- (**Leetcode**) Achieved a **LeetCode rating of 1810** by solving **600+** problems(78 Hard , 353 Medium , 163 Easy) and competing in 35+ contests; ranked in the top 7% globally. (2024)
- (**Codeforces**) **Rating of 1377**, solved **200+** problems, global ranked **1900th** in Codeforces Round 952, **20+** contests, solved **1500+** problems across platforms(Leetcode , Codeforces , GFG , Atcoder) (2024)
- (**Codechef**) **3-star rating of 1677**, solved **200+** problems , global ranked **58th** in Division 3 Starters 137 (2024)
- As a team head, participated in the **ICPC Amritapuri** and secured the **second** position from the college, contest rank 502 (2023)
- Represented college in **Smart India Hackathon**, participated in Meta Hackathon by Facebook, **global rank 5000** [\[LINK\]](#) (2023)
- Secured **3rd place** in the First year at IIT Goa with a CPI of 9.33, **Branch Change** From Electrical to Computer Science (2023)
- **1st** in 11th and 12th at Shramik Junior College, Sangamner, **99.10 percentile** in JEE Mains (Math) (2022)