

Om Pimple

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github.com/OmPimple26

Education

Dr. Babasaheb Ambedkar Technological University, BTech in Computer Engineering Nov 2022 – June 2026

- **CGPA:** 7.0/10.0
- **Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Machine Learning, Compiler Design
- **Academic Projects:** Placement Predictor Platform (ML), Password Manager (MERN Stack)

Experience

NSS Coordinator, Dr. Babasaheb Ambedkar Technological University Nov 2022 – July 2023

- Coordinated 100+ students for community service activities such as blood donation camps, cleanliness drives, and awareness programs.
- Managed event participation, volunteer allocation, and reporting, improving participation by 30%.
- Enhanced leadership and team management skills by leading outreach initiatives.

Projects

Portfolio Website <https://github.com/OmPimple26>

- Developed a responsive personal portfolio website using React & TailwindCSS.
- Showcases projects, skills and contact form.
- Integrated contact form with EmailJS to allow direct communication from the website.
- Enhanced user engagement by adding smooth animations with Framer Motion.

Placement Predictor Platform <https://github.com/OmPimple26>

- Developed a machine learning platform to predict student placement outcomes based on academic and skill-related features.
- Implemented classification models (Logistic Regression, Random Forest, XGBoost) achieving high prediction accuracy.
- Designed a clean and interactive frontend in React with Flask backend for seamless data input and result visualization.
- Integrated data preprocessing pipeline with feature scaling and encoding, improving model robustness and reliability.

Password Manager <https://github.com/OmPimple26>

- Developed a secure password management application in two versions: a lightweight React + LocalStorage version and a scalable MERN stack (MongoDB, Express.js, React, Node.js) version.
- Added secure storage system to protect user credentials in both versions.
- Implemented full CRUD operations (Create, Read, Update, Delete) for managing user credentials efficiently.
- Built backend APIs in the MERN version and connected them with a responsive React UI.

Technical Skills

Languages: Python, Java, SQL, Javascript, PHP, C

Frameworks & Libraries: React, TailwindCSS, Scikit-learn, XGBoost, TensorFlow (basic)

Databases: MySQL, MongoDB

Tools: Git, Github, VS Code, IntelliJ Idea, Jupyter, Streamlit, Linux, Remix

Cloud: Streamlit Community Cloud

Data Analysis: Exploratory Data Analysis (EDA), Data Cleaning, Feature Engineering, Data Preprocessing, Data Visualization (Matplotlib, Seaborn, Plotly)

Certifications

- Career Essentials in Generative AI by Microsoft and LinkedIn
- Introduction to Artificial Intelligence by LinkedIn
- MasterCard - Cybersecurity Job Simulation by Forage

Achievements

- Solved 50+ DSA problems on CodeChef & Leetcode
- CodeChef Highest Rating - 1079
- Current Leetcode Ranking Position - 1,494,167