Sunny Kumar
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INTRODUCTION

A passionate and adaptable **software developer** with a strong grasp of **mobile and web technologies**, driven by curiosity and a commitment to creating intuitive, scalable digital solutions. I specialize in **Flutter and Dart** for cross-platform app development, combining aesthetic UI design with robust backend integration. My experience spans **e-commerce, productivity, and educational applications**, where I've applied both creative problem-solving and practical engineering approaches. I bring a balance of **technical depth and collaborative spirit**, thriving in team environments that value innovation, clean code, and performance optimization. Constantly learning and evolving, I aim to contribute to impactful projects that merge technology with user experience excellence.

EDUCATION

●**PES University,Banglore,Karnataka** — Oct 2024 - Ongoing
Master Of Computer Application — CGPA:8.48/10.00(Currently)

●**Nims University** — Aug 2021 - Sept 2024
Bachelor Of Computer Application — CGPA: 8.5/10.00

●**D.G.S.S Bokaro** — June 2019 - July 2021
Higher Secondary Education| Class-12th | JAC — Percentage: 68.8

● **Bokaro Ispat Vidyalaya 6/A** — June 2017 - May 2018
Secondary Education| Class-10th | CBSE — Percentage: 64.2

PROJECTS

DAVIS – (Darvas, Volume, Sentiment Analysis)| College Major Project
Duration: June 2025 – June 2026
• Built an AI-driven investment analysis system for generating stock trading signals using Darvas Box Strategy
• Combined Darvas Box, EMAs, Volume, Sentiment and Confident Score to find the stocks
• Developed machine learning models to improve prediction accuracy
• Implemented FastAPI backend for real-time analytics and APIs
• Designed an interactive React dashboard for visualizing trends and signals
Tech Stack: Python, Pandas, NumPy, Scikit-Learn, FastAPI, React.js, PostgreSQL, Git

Student Performance Prediction | ***Academic Project*** ***Link***
Duration: Jan 2025 –June 2025
● Built a **predictive system** to estimate students' **final grades (G3)** and **pass/fail status** using **machine learning**.
● Performed **data preprocessing**, including **label encoding**, **feature scaling**, and **train/test splitting** on the UCI Student Performance dataset.
● Developed **regression (Linear Regression)** and **classification (Logistic Regression)** models for grade prediction and pass/fail determination.
● Evaluated model performance using **Mean Squared Error** for regression and **accuracy score** for classification.
● Saved **preprocessing tools (scaler, label encoders)** and trained models using **Joblib** for deployment.
● Built an **interactive Streamlit application** allowing users to input student details and receive **real-time grade and pass/fail predictions**
● Delivered an **end-to-end, user-friendly platform** for predictive analytics in education.
Tech Stack Used: Python, Pandas, scikit-learn, Joblib, Streamlit, Matplotlib, NumPy

Barber Appointment App | ***Academic Project*** ***Link***
Duration: Aug 2024 – Jan 2025
● Designed and developed a cross-platform barber appointment management application using Flutter, Supabase, and Riverpod.
● Streamlined appointment scheduling with features such as real-time barber availability tracking, booking management, and automated notifications.
● Built an engaging and responsive UI with Flutter for both Android and iOS users.
● Utilized Riverpod for structured and maintainable state management.
● Integrated Firebase for backend operations including authentication, database management, and REST API services.
● Ensured scalability and smooth performance through a cloud-native architecture.
● Delivered an efficient platform for both barbers and customers to manage appointments effortlessly.
Tech Stack Used: Flutter, Riverpod, Firebase

Weather Application Link
● Built a real-time weather application integrating the OpenWeather REST API for accurate weather forecasting and live data updates.
● Enabled location-based search to provide users with instant weather conditions of any city.
● Focused on simplicity and user experience with a clean, responsive interface.
Tech Stack Used: Flutter, REST API (OpenWeather)

Hobbies

● Fitness
● Watching Movies

SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3
Programming Languages: Python, Java, Javascript, Dart
Databases: MongoDB, PostgreSQL, SQL
Libraries & Frameworks: React Router, Pandas, Scikit-Learn, OpenCV, Matplotlib
Tools: Git, GitHub
CS Fundamentals: Data Structures & Algorithms, OOPS, DBMS, Operating Systems, Computer Networks
Soft Skills: Communication, Teamwork, Problem Solving

Coding Profile

-Leetcode
-Portfolio