

Divy Pathak

Portfolio GitHub LinkedIn

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Education

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science and Engineering

Sep 2022 – Present

CGPA: 7.86

Vinay Adarsh Higher Secondary School, Ujjain (MP Board)

Senior Secondary (Class XII)

2022

Percentage: 76.4%

Oxford Junior College, Ujjain (CBSE)

Secondary School (Class X)

2020

Percentage: 91.4%

Projects

Carido(GitHub/Live): AI-Powered Car Marketplace Web App

A full-stack car listing platform built with Next.js 15, Tailwind CSS, Prisma, and PostgreSQL. Integrated the Gemini API to enable AI-driven car recommendations and auto-generate car details during listings. Features include advanced filtering, detailed car pages, image uploads via ImageKit, and seamless seller-buyer interaction. Deployed on Vercel with Prisma-managed Postgres (Neon) database.

Technologies: NextJs, Prisma, PostgreSQL, Tailwind CSS, ImageKit, Docker, NeonDB, Zustand, TypeScript, NextAuth, Zod

KickBid (GitHub/Live): A web platform to facilitate sports tournament.

KickBid will enable students to register as players, be rated based on their skills, and participate in an auction where captains bid to form their teams. The platform provides real-time updates, team statistics, and tournament schedules, enhancing the experience for both players and spectators. It also offers an admin dashboard for managing events and ratings.

Technologies: HTML, CSS, Sass, React, JavaScript, MongoDB, Express, Node, RTK-Query

Stock Prediction System (GitHub): Predicts stock price trends

Built a machine learning model to analyze historical stock data and predict future trends, aiding informed investment decisions.

Technologies: Python, Machine Learning, Pandas, NumPy, Scikit-learn

Technical Skills

- **Backend Development:** JavaScript, NodeJS, ExpressJS, Python, TypeScript, PostgreSQL, Prisma, NeonDB, MongoDB
- **Frontend Development:** NextJs, React, Redux-toolkit, JavaScript, TypeScript, Sass, HTML, CSS, React-Native, Tailwind CSS
- **Programming Languages:** C++, Python, C, JavaScript, TypeScript
- **Miscellaneous:** Machine Learning, TurboRepo, Docker, MongoDB, Linux, Data Structures and Algorithms, CI/CD, Database Management Systems, MySQL, Computer Networks, Operating Systems, Clerk, Streamlit, Japanese Language

Relevant Courses & Achievements

IBM - DevOps Fundamentals

IBM - Agile Methodologies

IBM - Devops, Agile & Design Thinking

Nptel Cloud Computing, IIT Kharagpur

Nptel Market Analytics, IIT Kharagpur

The Bits and Bytes of Computer Networking, Google

MatLab Onramp, MathWorks

Contributed in Social Summer of Code SSOC 2025

Interests

Football — Piano — Fitness — Music