

VINAY YELE

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Education

B M S College of Engineering

Bachelor of Engineering in Artificial Intelligence and Machine Learning — CGPA: 9.05

Aug 2022 – Jun 2026

Bengaluru, Karnataka

Vashishta PU College

Pre-University Course (Science) — Percentage: 97.3%

Jun 2020 – May 2022

Bellary, Karnataka

Technical Skills

Languages: C++, Python

Web Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js

Developer Tools: VS Code, Git, GitHub, Postman

Database Systems: MySQL, MongoDB

Data Science & Machine Learning: Pandas, NumPy, Scikit-learn, Matplotlib

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems, Operating Systems, Computer Networks, Deep Learning, Reinforcement Learning

Projects

AIML Placements Hub | *React.js, Node.js/Express.js, MongoDB, TailwindCSS, Azure* | [Website Link](#)

July 2025

- Developed a centralized placement coordination platform with a responsive UI, enabling students to access announcements, resources, and alumni experiences seamlessly.
- Implemented core modules including real-time **Announcements**, Issue Tracking with automated email alerts, and categorized **Resource Management** (upload/download).
- Deployed the application using **Vercel (frontend)**, **Render (backend)**, and optimized production deployment on **Microsoft Azure with PM2** for process management and scalability.

Retail Price Optimization | *Python, scikit-learn, Flask, MLflow, Docker, GitHub Actions* | [GitHub Repo](#)

April 2025

- Built an ML pipeline to predict optimal retail prices using **Random Forest** with preprocessing and serialization via **joblib**.
- Served predictions through a **Dockerized Flask REST API**, deployed on **Render** with CI/CD using **GitHub Actions**.
- Used **MLflow** for experiment tracking, model versioning, and monitoring key metrics.

TrueFeedBack | *Next.js, TypeScript, TailwindCSS, NextAuth.js, MongoDB* | [GitHub Repo](#)

July 2025

- Developed an anonymous feedback collection platform to promote transparent communication between students and faculty with a responsive, user-friendly UI.
- Implemented secure session-based authentication using **NextAuth.js** with role-based access, and validated inputs via **React Hook Form + Zod** for reliable data handling.
- Optimized performance and scalability by leveraging **Next.js** features like server-side rendering (SSR) and static site generation (SSG), ensuring fast and efficient delivery.

Certifications

Full Stack Web Development - 100x Devs - [📄 Certificate](#)

CS Fundamentals - GeeksforGeeks - [📄 Certificate](#)

Leadership & Responsibilities

• **Student Placement Coordinator**, Placement Cell, BMSCE

Dec 2023 – Present

Managed end-to-end placement activities for 50+ students, coordinated recruitment drives, streamlined communication between students and recruiters, and ensured accurate documentation for verification.

• **Design Head**, Gradient Club, BMSCE

Jan 2025 – Present

Directed UI/UX and frontend design initiatives for the club's website, established design guidelines for branding, and led a team to improve member engagement and event visibility.