

Amrut Pathane

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, PUNE (IIIT PUNE)
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING
Expected May 2026 | Pune, India

ROTARY ENGLISH MEDIUM SCHOOL, KHED
PRE-UNIVERSITY EDUCATION – CBSE (SCIENCE STREAM)
2020 – 2022 | Khed, India

PROJECTS

PRAKRITIMITRA | FULL-STACK DEVELOPER & CO-FOUNDER

- Planned and built an **end-to-end event & NGO management platform** with role-based authentication (JWT + Google OAuth 2.0), real-time updates, and event lifecycle management.
- Engineered **AI-powered features** using OpenRouter API for event summaries and intelligent chat assistance.
- Integrated **Razorpay payments**, sponsorship ecosystem, and real-time chat with Socket.io.
- Created a responsive UI with React, Tailwind, Framer Motion, plus **Google Maps API** for geolocation.
- Expanded functionality with a **recurring event system** using FullCalendar to manage 100+ events.
- Applied **QR-based attendance tracking** with auto-certificates and analytics dashboards.
- GitHub: PrakritiMitra | Live: prakritimitra.me*

STUDENT PROJECT MANAGEMENT SYSTEM | PROJECT LEAD & DEVELOPER

- Led development of a **scalable project management platform** for students and faculty, replacing manual Excel workflows.
- Built a **preference-based faculty allocation engine** and **role-based dashboards** with integrated chat.
- Conducted a usability evaluation scoring **84.79 (Excellent)** on SUS.
- Improved **MySQL query performance**, reducing response time by **40%**.
- Designed a **panel evaluation module** to assign faculty and streamline offline project reviews.
- GitHub: Student-Project-Management | Live: spms-live*

BUDGET BUDDY | FULL-STACK DEVELOPER

- Created a **personal finance tracker** with JWT authentication, Google OAuth, and secure sessions.
- Developed **transaction & account management**, multi-account support, and smart budgeting with analytics dashboards.
- Enhanced the UI using React, Tailwind, Zustand, and Recharts for interactive charts.
- Expanded accessibility with **multi-currency support** and localized experience.
- Executed **dark/light theme toggle** and real-time notifications for enhanced user experience.
- GitHub: Budget-Buddy | Live: budgetbuddy-live*

SKILLS

PROGRAMMING LANGUAGES

Java, JavaScript, Python (NumPy, Pandas, scikit-learn), C++

WEB & FULL-STACK DEVELOPMENT

React, Node.js, Express.js, Socket.io, EJS, REST APIs, Tailwind CSS, GSAP

DATABASE SYSTEMS

MongoDB, MySQL, PostgreSQL

TOOLS & PLATFORMS

Git, GitHub, VS Code, Azure, AWS, Grok Cloud, OpenRouter, Hugging Face, Google Colab, Postman, Vercel, Render, Netlify

COMPUTER SCIENCE FUNDAMENTALS

Data Structures, Algorithms, Operating Systems, Computer Networks, DBMS, OOP, Machine Learning

CERTIFICATIONS

THE COMPLETE 2024 WEB DEVELOPMENT BOOTCAMP

Udemy Certificate

ALPHA PLUS COURSE (DSA WITH JAVA)

Apna College Certificate – Google Drive

POSTMAN CERTIFIED

Postman Certification Badge

ETHICAL HACKING AND PENETRATION TESTING

Certified by CDAC Noida – Google Drive

ACHIEVEMENTS

SUS SCORE OF 84.79 FOR STUDENT PROJECT MANAGEMENT SYSTEM

Achieved an excellent usability score based on feedback from 24 users, including students, staff, faculty, and admins.

CONTRIBUTOR, GIRLSSCRIPT SUMMER OF CODE EXTENDED (GSSOC-EXTD) 2024

Contributed to open-source projects under the national-level GSSoC-Extd initiative.

RANKED 56 IN APTIQUEZT AND 191 IN CODE-QUEZT (DSA)

Participated in Engineers Week Contests on Naukri.com (Aptitude and DSA-focused).

98.27TH PERCENTILE IN MATHEMATICS – JEE MAINS 2022

Ranked in the top 2% nationally among 800,000+ candidates.

CLEARED JEE ADVANCED 2022

Qualified one of India's most competitive engineering entrance exams.