

Yash Chandan

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SUMMARY

Engineering graduate with experience delivering AI-powered application, chat systems and scalable web platforms. Strong in frontend development using Javascript, React.js and Next.js. Dedicated to building impactful solutions that enhance user experience.

EDUCATION

Trinity Academy of Engineering (SPPU University), Pune

Bachelor of Engineering, Information Technology

June 2025

CGPA: 7.9/10

D.L Junior College, Maharashtra Board of Education, Bhusawal

12th, PCM

June 2020

Percentage: 83.54

EXPERIENCE:

YBI Foundation | Machine Learning Intern

Delhi, India | April 2024 – June 2024

- Developed ML models using Random Forest and Logistic Regression, achieving up to 92% accuracy for F1-score on real world datasets like wine classification, stock prediction, rainfall forecasting and 10 more.
- Conducted data preprocessing, feature engineering, and exploratory data analysis (EDA) Using Pandas, Numpy, Seabon and Scikit-learn for 10+ datasets.

PROJECTS:

ThreadSnatch.online

- Developed a platform for creators to download high quality content from Meta Threads.
- Acquired 500+ users in 4 weeks and 10+ subscribers.
- Engineered 15+ reusable UI components, using React.js, Tailwind CSS and Shadcn.ui, reducing development time for future features by 30%.
- Achieved over 95% design correctness across various devices and browsers, by converting Figma designs into responsive, pixel perfect pages.
- Integrated REST API using Axios with dynamic state handling, delivering a smooth and interactive user experience.
- Implemented unit testing with Jest, improving reliability and ensuring maintainability of frontend components.

Modern Expense Tracker AI Web App:

- Built a full stack expense tracker using Next.js 15, Tailwind CSS, Prisma, Neon PostgreSQL, supporting authentication and real-time analytics.
- Integrated AI (OpenRouter) to auto-categorize expenses and provide personalized insights, improving user efficiency.
- Deployed on Vercel with serverless architecture, helps in scalable and give web analysis.
- Delivered real time dashboards with chart.js (charting library) for financial visualization and implemented clerk authentication for login and signup.

Real Time Chat Application (Chatty):

- Architected 'Chatty', a real-time messaging application using React.js, Node.js, Express.js, MongoDB, which supported up to 50 concurrent users and handled over 100 messages per second during peak usage.
- Integrated clerk for authentication, simplifying secure sign-up and login for users.
- Integrated Cloudinary for profile image uploads and REST APIs for data communication.
- Implemented state management using Zustand, reducing state-related bugs by 40%.

AI Jarvis – Voice Activated Personal Assistant:

- Built and AI Assistant with Python, that can do task like online searches, send emails, launch apps and retrieve current information.
- Integrated speech recognition and text-to-speech modules for interactive communication.
- Modular design was used to improve scalability and maintainability by making it simple to add new commands and features.

SKILLS:

PROGRAMMING LANGUAGES |

C++ • Python • Javascript • Typescript

FRONTEND AND BACKEND |

HTML5 • CSS3 • Bootstrap • React.js • Next.js • Tailwind CSS • Node.js • Express.js

APIS & MIDDLEWARE | REST • JSON

DATABASE | SQL • NoSQL • MongoDB • Neon (Serverless PostgreSQL)

DEVOPS TOOLS | Docker

Cloud Platform | Vercel • Netlify • Render

BUILD TOOLS | npm • Vite

TOOLS AND TESTING | Jest • Postman • Git • Agile • GitHub

CERTIFICATION

- Frontend Development - John Hopkins University (Coursera)
- AI/ML for Geodata Analysis - ISRO/IIRS

INTERESTS

- Traveling
- Food
- Guitar
- Volley Ball
- Teaching
- Self-improvements

EXTRACURRICULAR:

- Presented a technical poster on 'Image Fusion and segmentation for Autonomous Vehicles in Foggy conditions' at Avishkar 2024.
- Participated in a 8 hour odoo hackathon and built a Skill Swap Platform using React.js and Tailwind CSS.