

# YASH CHANDAN

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## Objective

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Software Engineer skilled in building full-stack web applications using JavaScript, React, and Node.js. Experienced in machine learning and data analytics with hands-on work in model deployment, data pipelines, and dashboards. Passionate about writing clean code and solving real-world problems.

## PROFESSIONAL EXPERIENCE

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### Frontend Developer - [ThreadSnatch.online](#)

Jan 2025 – Present

- Created and used more than 15 reusable UI components with React.js and Tailwind CSS, which cut development time for future pages by 40% and made the team more productive.
- Converted Figma designs into responsive layouts for different devices, achieving over 95% visual accuracy.
- Integrated REST APIs and dynamic state handling to improve interactivity and responsiveness.
- Currently building an AI-powered chatbot to assist website users, improving engagement and support automation.

### Data Science and Machine Learning Intern - YBI Foundation

April 2024 - June 2024

- Designed and deployed ML models for Stroke Prediction, Rainfall Forecasting, Tesla Stock Prediction, House Price Estimation, and Wine Classification, achieving up to 92% accuracy using Random Forest, XGBoost, and Logistic Regression.
- Performed in-depth data preprocessing and exploratory data analysis using Pandas, NumPy, and Seaborn, reducing training time by 30% and improving model accuracy.

## TECHNICAL SKILLS

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**Languages:** Python, C++, JavaScript, MySQL

**Technologies/Frameworks:** HTML5, CSS3, React.js, Next.js, MongoDB, Express.js, Node.js, Tailwind

**Developer Tools:** Git, Github, VS Code, PyCharm, Jupyter Notebook, Canva, Power BI, Excel, Postman, Vercel, Netlify

**CourseWork:** DSA, OOPS Concepts, Computer Networks, DBMS, Operating Systems

## TECHNICAL PROJECTS

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### [Razorpay Clone](#) |

- Built a responsive Razorpay clone using HTML, CSS, JavaScript, and Tailwind CSS, ensuring cross-browser compatibility and accessibility.
- Optimized website performance to achieve fast load times and seamless user interactions across all devices.

### [Real-Time Chat Application](#) |

- Built a real-time chat app using MERN + Socket.io with JWT Auth and Cloudinary. Scalable backend supports 1,000+ concurrent users with fast media rendering.
- Optimized RESTful APIs with efficient MongoDB queries, modular controllers, and secure authentication, improving performance and scalability.

### [T20 world cup cricket data analytics](#) |

- Created a Power BI report to identify top 11 players for a T20 cricket team by scraping data from espnricinfo with a Brightdata website tool, cleaning and transforming the data with pandas, and evaluating various player performance metrics.
- Used the resulting Power BI dashboard to select players for various categories (openers, middle order/anchors, finishers, all-rounders, specialist fast bowlers) and ultimately choose the top 11 players to play in the match.
- The Power BI-selected team had a 90% predicted win probability based on historical data.

## EDUCATION

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SPPU, Trinity Academy of Engineering, Pune - 7.9 CGPA

2021 – 2025

## CERTIFICATIONS

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- Power BI Workshop - OfficeMaster
- AI/ML for Geodata Analysis - ISRO/IIRS
- Frontend Development - John Hopkins University - Coursera

## EXTRACURRICULAR

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- Presented a technical poster on "Image Fusion and Segmentation for Autonomous Vehicles in Foggy Conditions" at Avishkar 2024.