

Yash Jagtap

Full-Stack Developer | AI & Data Science Engineer

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GitHub: <https://github.com/Yaxhjagtap> | **Portfolio:** <https://my-resumebhai.netlify.app>

PROFESSIONAL SUMMARY

Results-driven **Full-Stack Developer** and AI Engineer with expertise in the **Software Development Life Cycle (SDLC)**. Proficient in **Python, Django, MERN Stack**, and **Machine Learning**. Demonstrated success in building scalable web applications, designing **REST APIs**, and integrating **AI/ML models** for business automation. Skilled in **Agile methodologies**, database optimization, and cloud deployment. Seeking to leverage technical proficiency in full-stack engineering to drive innovation.

EXPERIENCE

Web Development Intern

Jan 2025 – Feb 2025

Ezacus Technologies

Nashik, MH

- Engineered an **AI-powered chatbot** utilizing **Python, TensorFlow**, and **Django**, modernizing the user interface and improving customer engagement.
- Optimized **SQL queries** and database interactions, reducing latency and enhancing the overall operational efficiency of the web platform.
- Collaborated within an **Agile** team environment to refine backend logic, implement **RESTful APIs**, and automate customer support workflows.
- Conducted **code reviews** and debugging sessions to ensure high-quality, maintainable code delivery.

PROJECTS

Pulsematch - AI Dating Platform | *MERN Stack, Socket.IO, NLP*

- Developed a high-performance dating application using **MongoDB, Express.js, React**, and **Node.js**, featuring secure **JWT Authentication**.
- Implemented **Socket.IO** for real-time, bi-directional communication, enabling instant messaging functionality with low latency.
- Integrated **Machine Learning** algorithms to calculate compatibility scores and analyze user responses, significantly increasing user retention.
- Deployed scalable backend architecture to handle concurrent user sessions efficiently.
- Live Link:** <https://pulsematchdotcom.netlify.app/>
- Code Link:** <https://github.com/Yaxhjagtap/datingappml>

Jarvis - Intelligent Voice Assistant | *Python, Django, TensorFlow, Automation*

- Architected a voice-activated desktop assistant using **Natural Language Processing (NLP)** and SpeechRecognition libraries to automate system tasks.
- Designed a responsive frontend interface using **HTML/CSS/JS**, connected to Python backend logic via the **Eel** library.
- Utilized **NumPy** and **TensorFlow** for efficient data processing and command execution, demonstrating strong backend engineering skills.
- Code Link:** <https://github.com/Yaxhjagtap/Jarvis—An-AI-Assistant>

SKILLS

- Languages:** Python, JavaScript (ES6+), C#, HTML5, CSS3, SQL (MySQL, PostgreSQL)
- Frameworks:** React.js, Node.js, Express.js, Django, ASP.NET, Redux, TensorFlow, Pandas, NumPy
- Tools:** Git, GitHub, VS Code, Postman, Jupyter Notebook, Chrome DevTools
- Concepts:** RESTful API Design, Data Structures & Algorithms (DSA), OOP, System Design, Agile

EDUCATION

SNJB's College of Engineering

2022 – 2026

Bachelor of Engineering in Artificial Intelligence and Data Science | CGPA: 9.29

Chandwad

K.A.A.N.M.S College

2020 – 2022

Higher Secondary Certificate (HSC) | Science Stream

Satana

ACHIEVEMENTS

- HackerRank 5 Star (Python) Certified** – <https://www.hackerrank.com/certificates/96d8d7e72539>
- HackerRank JavaScript Certified** – <https://www.hackerrank.com/certificates/ed1fb81efa75>
- MERN Stack Certified** (100xDevs Cohort) – <https://app.100xdevs.com/certificate/verify/HY5PAAIW>
- Web Lead** at Google Developer Groups (GDG) 2024-25 – https://www.linkedin.com/posts/yash-jagtap-816166299_webdevelopment-gdg-snjb-activity-7268306753098772480-316B
- Google Cloud Facilitator** – Completed cloud infrastructure tracks – <https://www.cloudskillsboost.google/profile/activity>
- 2x Hackathon Finalist** – Recognized for innovative web and AI-based solutions.