

Sarthak Pradip Kamble

 Sarthak3132 |  Sarthak Kamble | **Portfolio**  |  sarthak.kamble.official@gmail.com

SUMMARY

Full-Stack Developer with experience in building scalable web apps and AI tools. Skilled in React, Node.js, Python, and cloud deployment, with a record of improving usability and optimizing performance. Quick learner, strong communicator, and ready to contribute as an innovative software engineer.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Java, Python, C++
Frameworks	React (Hooks), Node.js, Express, Flask, Django, Angular (basic)
Databases	MongoDB, MySQL, PostgreSQL
Web Technologies	HTML5, CSS3, jQuery
Testing	Unit Testing, Integration Testing, Jest, React Testing Library, Playwright, Postman
DevOps/Security	GitHub Actions (CI/CD, Test Automation), Docker, Grafana, AWS (EC2, S3), Netlify, Render, JWT, OAuth2, CORS, Rate Limiting
APIs	RESTful API design, pagination, filtering, structured error handling
AI/ML	NLP (spaCy, VADER, RoBERTa), Google Speech API, ML algorithms
Problem Solving & Algorithms	Strong fundamentals in Data Structures & Algorithms

WORK EXPERIENCE


Freelance Developer – Tej Industries  Jun 2025 – Aug 2025

- Delivered a full-stack bilingual platform (React, Node.js, MongoDB) for an agricultural firm.
- Integrated Google Calendar API and automated notifications, reducing manual follow-ups by 80%.
- Achieved 95+ Lighthouse score; deployed with GitHub Actions CI/CD, SSL, and secure configs.


Generative AI Intern – Skillible Jul 2024 – Aug 2024

- Built foundational skills in prompt engineering and generative AI workflows.
- Developed a small prototype demonstrating text summarization and chatbot-style interactions.
- Explored model limitations, evaluation methods, and ethical concerns in real-world contexts.

PROJECTS

Bug Tracker Web App (MERN + TypeScript) 

- Developed a role-based bug tracker with JWT and Google OAuth authentication.
- Built scalable REST APIs with filtering, pagination, validation, and error handling.
- Enabled collaboration with bug lifecycle management, file uploads, and threaded comments.
- Designed responsive frontend with React + TypeScript and styled-components.

AI Political Speech Analysis (Python, ML, NLP, CV) 

- Built a Flask tool analyzing political speeches from video using NLP and CV techniques.
- Achieved 85% sentiment classification accuracy with RoBERTa + VADER + spaCy pipeline.
- Automated speech-to-text pipeline (MoviePy, Google Speech API) with latency <2s per 30s clip.
- Generated visual insights and PDF reports via Matplotlib + ReportLab.

EDUCATION

B.E. in Computer Engineering ICEM, Pune (2020 – 2024) CGPA: 7.55 / 10, 72.1%

CERTIFICATIONS

- **100 Days of Python** – Angela Yu (Jan 2024)
- **The Web Development Bootcamp** – Angela Yu