

OM KOLTE

+91 7972695834 | omkolte2024@gmail.com | linkedin.com/in/omkolte | github.com/omkolte17 | omkolte.com

EDUCATION

Pimpri Chinchwad College of Engineering

B. Tech. in Computer Engineering — 8.63 CGPA

Dec. 2021 – April 2024

Pune, MH

Pimpri Chinchwad Polytechnic

Diploma in Computer Engineering — 97.20%

Aug. 2018 – Aug 2021

Pune, MH

EXPERIENCE

Brainstorm Force

Software Developer

Feb 2024 – Present

Pune, MH

- Contributed to the development and scaling of **SureForms**, a Gutenberg-based (React) WordPress form builder, growing active installations from **100 to 500,000+ websites**.
- Helped drive product revenue of approximately **\$10K/month** through continuous frontend and backend feature development and improvements.
- Implemented CI/CD workflows using **GitHub Actions**, conducted comprehensive code reviews, and developed unit and AI-assisted end-to-end tests for frontend and backend modules, improving reliability and reducing regression issues.
- Leading end-to-end development of an upcoming WordPress donation plugin (**SureDonation**), owning full-stack architecture and core feature implementation.

BrainChain

Software Developer Intern

Dec 2023 – Apr 2024

Pune, MH

- Developed a YouTube data analytics platform to provide insights into user content consumption patterns
- Improved semantic mapping of user data to categories, increasing analysis accuracy and efficiency.
- Optimized backend processing using multi-threading, reducing execution time by **73%**.
- Contributed to building scalable data pipelines for handling user digital footprint analysis.

KPIT Technologies

Trainee

Aug 2022 – Nov 2023

Pune, MH

- Designed and developed an intuitive analytics dashboard for efficient data representation and decision-making.
- Implemented OAuth and a custom user authentication mechanism.
- Optimized the existing codebase and improved mobile responsiveness. **Reduced loading time** by **87%** - from around 4 minutes to 30 seconds.
- Received **The Comrades** award for displaying **excellent dedication** and **teamwork** in completing a project.

PROJECTS

Virtual Brain from User Digital Footprints | *Python, FastAPI*

- Migrated the system from Tkinter to FastAPI, improving scalability, maintainability, and API-driven architecture, using JavaScript and Next.js to build REST API endpoints.
- Designed a concurrent processing pipeline using multithreading and background tasks to handle long-running analytics
- Reduced end-to-end processing time from 60s to 10–15s (**75% improvement**)
- Implemented non-blocking request handling to ensure smooth user experience during heavy data processing

Visitors Management System | *Python, Django, MySQL*

- Developed a Visitor Management System using Python and Django framework
- Designed and implemented an ID pass generation system for guests entering the premises
- Developed an admin dashboard to manage guest verification, and ensure compliance with security protocols
- Designed and developed an analytical dashboard using data science and data visualization techniques for better decision-making

Candlestick Pattern Analyzer | *Python, Flask* | [GitHub](#)

- Developed a web application using Python and Flask to analyze stock data and identify candlestick patterns
- Built a custom dataset using Yahoo Finance API and web scraping for historical stock data
- Visualized stock trends using interactive candlestick charts with pattern annotations

TECHNICAL SKILLS

Languages: Python, PHP, JavaScript, SQL, HTML, CSS

Frameworks/Libraries: React.js, Django, Flask, CodeIgniter

Tools & Technologies: WordPress (Gutenberg), MongoDB, Git, Linux, SASS, JIRA (Agile)