

RAGHAV RAMCHANDRA DESAI

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EDUCATION

Marathwada Mitra Mandal's College Of Engineering, SPPU
BE, E&TC with HONORS- AI for Big Data Analysis, CGPA: 7.94

Pune, India
Aug 2018 - Aug 2022

Rajiv Gandhi Polytechnic College, MSBTE
Diploma, E&TC, Percentage: 67.41%

Udgir, India
Jul 2015 - Jul 2018

SKILLS SUMMARY

- **Languages:** Python, Django, SQL, Angular, Javascript, Typescript, HTML, CSS
- **Frameworks:** Tkinter, Pandas, Numpy, Scikit-Learn, Matplotlib, Bootstrap, Material UI, Flask
- **Tools:** MS Office, MySQL, SQLite, Swagger UI, GitHub, Git
- **Databases:** MySQL, PostgreSQL, SQLite
- **Other:** RESTful APIs, Scalable Application Development, Cloud Infrastructure, Agile Development, Remote Team Collaboration

WORK EXPERIENCE

Software Engineer Trainee | Mastek, Pune (Hybrid)

Jun 2025 - Present

- Designed and developed **scalable, cloud-native applications** using **Python, Azure Function Apps, Service Bus, Key Vault and Azure Cloud Services**, improving system reliability and performance.
- Built and integrated **REST APIs** for enterprise-grade projects, enabling seamless data exchange and reducing backend processing time by **20%**.
- Worked extensively with **Azure Service Bus, App Services, Storage, and Container Apps** to deliver secure and cost-optimized cloud solutions.
- Collaborated with cross-functional teams to **debug, optimize, and deploy** production-ready features under tight deadlines.

Associate Software Developer | Tekhnologia Innovations India, Pune (WFO)

Aug 2024 - May 2025

- Developed and maintained **scalable Python/Django applications**, building REST APIs that improved data retrieval speed by **20%** and enhanced overall backend performance.
- Created **responsive, high-performance UIs** using HTML, CSS, JavaScript, and Django templates, increasing user engagement by **25%** and reducing component load time by **30%**.
- Implemented **JWT authentication, RBAC**, and secure API workflows while optimizing code through reviews, refactoring, and performance tuning—cutting page latency by **40%**.
- Delivered key projects including **Election Management, Inventory System, Hospital IMS, and a Real-Time Face Recognition App**, while upskilling in different asynchronous tasks.

PROJECTS

LibTrack AI: Library Update & Release Tracker | [LINK](#)

Oct 2025 - Nov 2025

- Built an AI-powered tracker that monitors upcoming releases of programming languages & libraries using **Groq AI, Serper.dev**, and **Google Sheets API**, delivering real-time update insights.
- Automated daily scans and email alerts via a Django-based scheduler (**Cron**), enabling developers to stay updated on breaking changes and new versions effortlessly.

PAYEND: Stock Market Range Identifier | [LINK](#)

Nov 2022 - Nov 2022

- Developed PAYEND software to forecast price ranges for Indian stock indices Nifty and Bank Nifty.
- Achieved 98% accuracy, providing reliable market range estimates for investors and traders.
- Designed a user-friendly interface for effortless access and navigation, improving user experience.

Mybooks: Book eCommerce Website | [LINK](#)

Sept 2022 - Oct 2022

- Browse and search for books effortlessly on MyBooks website application.
- Facilitate direct book purchases from the website for a seamless buying experience.
- Employ convenient features like Pagination for smooth navigation, establishing MyBooks as a dependable online resource for book enthusiasts.

CERTIFICATES

Full Stack Diploma in Python (FirstBit Solutions Institute) | [CERTIFICATE](#)

July 2022

- Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, data structures and OOP concepts.

Diploma in Data Science (FirstBit Solutions Institute) | [CERTIFICATE](#)

July 2022

- Developed expertise in data manipulation and machine learning with Pandas, NumPy, and Scikit-Learn.

SPECIAL ACHIEVEMENT

- Creator of a **YouTube channel** with **8.5K+** subscribers, producing educational content on engineering topics, reaching a wide audience and showcasing technical expertise.
- Active participant in coding communities and online forums for Python and Django development.