RAGHAV RAMCHANDRA DESAI

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EDUCATION

Marathwada Mitra Mandal's College Of Engineering, SPPU   Pune, India
BE, E&TC with HONORS- AI for Big Data Analysis, CGPA: 7.94   **Augest 2018 - August 2022**

Rajiv Gandhi Polytechnic College, MSBTE   Udgir, India
Diploma, E&TC, Percentage: 67.41%   **July 2015 - July 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

Associate Software Developer | Tekhnologia Innovations India, Pune   **Aug 2024 - Present**
- Architected and maintained scalable Python/Django applications, designing and integrating RESTful APIs that accelerated data retrieval by 20% while mentoring junior developers on best practices.
- Engineered dynamic, responsive UIs with HTML, CSS, JavaScript, and Django templates, boosting user engagement by 25% and collaborating cross-functionally to achieve 30% faster component load times.
- Optimized performance through rigorous code reviews, refactoring, and resource allocation, slashing page latency by 40% and ensuring high-quality, maintainable code in an agile, remote setting.
- Implemented JWT-based authentication and role-based authorization in Django REST endpoints, safeguarding user data and streamlining secure session management.
- Delivered mission-critical projects including an Election Management, Inventory Management System, Hospital IMS, and a real-time Face Recognition app using WebSockets. while proactively upskilling in Celery and Redis to expand asynchronous task management capabilities.

Angular Developer Intern | GeniaTEQ, Pune   **April 2024 - July 2024**
- Developed and maintained Angular applications, improving system reliability and reducing downtime by 15%.
- Assisted in the design and implementation of user interfaces, improving user satisfaction scores by 20% through responsive and intuitive designs.
- Conducted testing and debugging of applications to ensure they meet quality standards.

PROJECTS

PAYEND: Stock Market Range Identifier| LINK   **November 2022 - November 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   **September 2022 - October 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.

QuickVista: Real-Time News Application | LINK   **December 2023 - December 2023**
- Developed a real-time news application using Angular and integrated live API updates.
- Integrated live news updates into QuickVista using dynamic API implementation for enhancing overall user experience and ensuring easy access and navigation of real-time news content.

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.