Sharma S

Python Developer, 5+ years experience
Indore, India
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With more than 5 years of experience, I have a strong background in Full Stack Development. I possess proficiency in seamlessly integrating and managing a variety of APIs and backend data sources to ensure a smooth data flow for web applications. I am skilled at implementing caching strategies and asynchronous processing when necessary to enhance application efficiency. My commitment extends to maintaining web application reliability and functionality by developing and executing unit and integration tests. I follow a collaborative approach, closely working with QA engineers to identify and resolve issues, guaranteeing the highest quality end product. I am adept at creating and maintaining comprehensive technical documentation for code, APIs, and integration processes. I have a deep passion for continuous learning, staying updated on emerging technologies, API standards, and best practices in full stack development. My dedication lies in creating web interfaces that not only meet but exceed user expectations, emphasizing the paramount importance of an exceptional user experience.

INDUSTRIES: Healthcare, Marketplace

TECHNICAL SKILLS

• Python	5 years
• Node.js	5 years
• MongoDB	5 years
• React	4 years
• AWS	3 years
• Lambda	3 years
• ETL	3 years
• FastAPI	2 years

SOFT SKILLS

Communication, Teamwork, Problem-solving

PROJECT DETAILS

• Onko

Project Description: Onko is an ally throughout cancer treatment, delivering bespoke health improvement programs to the palm of your hand. This unique approach combines the connectivity and intelligence of technology with the support of healthcare professionals to ensure the very best results. Technology allows for frequent education, ongoing understanding and connected care to help you achieve the best quality of life and the fastest route to recovery. Onko service ensures you are not only supported but personally empowered, energized and motivated.
Responsibilities: Designed and developed a health consultation service, with meticulously crafted RESTful APIs and robust security measures, ensuring a seamless and secure user experience. Orchestrated the integration of frontend and backend components, including unit testing, custom text editors, continuous deployment, and push notifications for a comprehensive and professional healthcare solution. Engineered a sophisticated backend solution leveraging the Python and Django framework, meticulously crafting RESTful APIs to facilitate seamless communication. Implemented a scheduling system to streamline appointments between users and healthcare professionals, enhancing the efficiency of the service. Devised an intricate report generation system tailored to meet the specific needs of users, ensuring that their healthcare information is readily accessible. Demonstrated a commitment to system robustness by composing and executing unit tests to eliminate any potential bugs or vulnerabilities. Elevated system performance by judiciously establishing MySQL indexes, significantly reducing query response times.
Technologies: Python, MySQL, Django, Redis, New Relic, Stripe, AWS, Firebase
Industry: Healthcare

• RDI

Project Description: Rated Driving Instructor is the platform that ensures you find the best driving instructor for your needs. Our app offers a transparent and user-friendly way to search and rate driving instructors, helping learners make informed choices. With detailed instructor profiles, customer reviews, and safety records, you can trust that you're in good hands. Say goodbye to the guesswork and hit the road with confidence by choosing a Rated Driving Instructor. It's your journey, your choice, and your safety matters.
Responsibilities: Created Restful apis with Python and Django framework. Integrated socket.io for user chats also manage history of chats and showing dynamic chats with images and documents real-time. Use mongoose as database orm and integrated in application to manage user data. written unit test to make system bug free. Manage Mongodb indexes to reduce query response time. Worked with aggregation and there stages for highly scalable database queries. Integrated calling functionality with the help of argon, one signal and socket.io. Use React and Redux for web for users and admin portal to manage user data. Created reusable component managed RBAC permissions for plan based access to user. Integrated stripe as payment gat way for instant payout. Integrated conversion hub (drag and drop) for master data manipulations as per conversation of users (can be used as CRM). Integrated global chat to interact and support to user on real-time (this also can be used as CRM).
Technologies: Python, Django, MySQL, Socket.io, Stripe, AWS, One Signal, Argon
Industry: Marketplace

EMPLOYMENT HISTORY

• Python Developer

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EDUCATION

• Bachelors degree in Engineering from Manipal 2014 - 2018

LANGUAGES

• English - advanced

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