Patel S

Data Engineer, 4+ years experience
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Experienced Backend Developer with four years of expertise crafting efficient server-side components for modern web applications. Skilled in designing and implementing APIs to ensure seamless front-end and back-end communication while prioritizing data integrity and flow. Proficient in managing databases, optimizing performance, and conducting rigorous testing to ensure web service stability and scalability. Collaborative team player, working closely with QA engineers and front-end developers to deliver high-quality end products. Dedicated to continuous learning and staying updated on the latest technologies and security standards to optimize server performance and exceed end-user expectations.

INDUSTRIES: Marketplace, Healthcare, Utilities

TECHNICAL SKILLS

• Angular	4 years
• Mongo DB	4 years
• Bootstrap	4 years
• React	4 years
• Node.js	4 years
• GraphQL	4 years
• Tailwind css	4 years
• AWS	4 years
• Python	4 years
• ETL	4 years
• PGSQL	4 years
• Athena	3 years

SOFT SKILLS

Communication, Problem-solving

PROJECT DETAILS

• 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.

Responsibilities: Created Restful apis with Node and express 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. Manage Mongodb indexes to reduce query response time. integrated calling functionality with the help of argon, one signal and socket.io. integrated stripe as payment gat way for instant payout. Created dashboards to visualize learner and instructor data for analysis and to help learner and instructor with real time support chat with admin. Worked with Scrum and Agile methodologies to ensure a collaborative and iterative development approach. Created reusable components, integrated payment gateway, developed RBAC permissions for different profiles. Implemented data security measures to anonymised the data Implemented onesignal to send notification schedule notification so that we do not need to use cron for sending bulk notification. Integrated conversion hub (drag and drop) for master data manipulations as per conversation of users (can be used as CRM) and global chat to interact and support to user on real-time (this also can be used as CRM).

Technologies: Python, MongoDB, ETL

Industry: Marketplace

• Womco

Project Description: Womco is your all-in-one solution for managing menstrual cycle of women. With personalized recipes and meal plans tailored to the cycle, it aims to alleviate the symptoms and improve overall well-being. Additionally, Womco functions as a comprehensive cycle tracker, helping the user stay informed about their hormonal fluctuations and predicting the upcoming cycle. It doesn't stop there - it also serves as a digital grocery list, simplifying shopping experience by automatically generating a list of ingredients needed for personalized recipes.

Responsibilities: Collected data of Users to obtain information about there Period Cycle and upcomming Period Data. Maintained data for tracking that current, past and upcomming Period Cycle. Collected data of Period data to calculate on which phase a user is and on the basis of the conditions given by user showing new recepies on daily basis. Implemented data security measures to anonymised the data. Worked with Scrum and Agile methodologies to ensure a collaborative and iterative development approach. Created reusable components, integrated payment gateway, developed RBAC permissions for different profiles. Created dashboards to visualize User data for analysis. Manage proper MySQL indexes to reduce query response time. Manage proper GraphQL Query and Mutation so that client side can get data according to there need.

Technologies: ReactJS, Python, AWS, Express.js, GraphQL, MySQL, Sequelize

Industry: Healthcare

• Famhives

Project Description: Famhives is a web application devoted to the preservation of family heritage. Our mission is to share a profoundly meaningful project with the global Famhives community. At its core, a family tree serves the purpose of uncovering your family's unique history. We are committed to making this family tree accessible to a wide audience, allowing as many people as possible to delve into their family's past. In addition to exploring your family's history, Famhives enables you to extend invitations to your family members, inviting them to join our platform and partake in the family tree's journey. We also offer the ability to monitor the progress and status of the family tree as it grows and evolves. Our ultimate aspiration is to collaborate as a community to create the most comprehensive and well-sourced public genealogical family tree in the world, fostering connections among family members both in the past and the present.
Responsibilities: Collected data of User to create and obtain family tree on the basis of generation. Implemented invitations functionality so user can invite them to join our platform and partake in the family tree's journey. Implemented oneSignal to send push notification. Implemented real-time Chat functionality with using socket.io. Worked with Scrum and Agile methodologies to ensure a collaborative and iterative development approach. Created reusable components, integrated payment gateway, developed RBAC permissions for different profiles. Manage proper MySQL indexes to reduce query response time.
Technologies: NodeJS, Express.js, MySQL, Sequelize, OneSignal
Industry: Utilities

• Kidsie

Project Description: Kidsie is your neighborhood's friendly circular marketplace! With Kidsie, you can easily shop, sell, and even donate your children's preloved items, making it a breeze to give these items a new home. Whether you're in need of clothing, shoes, toys, books, furniture, gear, baby & toddler essentials, or maternity items, Kidsie has space for everything as your little ones grow. It's a convenient way to support sustainability and connect with your local community while meeting the evolving needs of your kids.
Responsibilities: Collected data of User to obtain product on the basis of that address. Implemented stripe for online transection and seller payouts so that seller will get payment as soon as user will collect the product. Worked with Scrum and Agile methodologies to ensure a collaborative and iterative development approach. Created reusable components, integrated payment gateway, developed RBAC permissions for different profiles. integrated stripe as payment gat way for instant payout. Manage proper pgSQL, indexes to reduce query response time.
Technologies: NodeJS, Express.js, TypeScript, TypeORM, Stripe, Firebase, PGSQL,
Industry: Marketplace

EMPLOYMENT HISTORY

• Full Stack Developer

Description: With four years of experience in Backend Development and Data Engineering, I specialize in crafting efficient server-side components that power contemporary web applications. Designing and implementing APIs to ensure seamless front-end and back-end communication, prioritizing data integrity and smooth data flow. Proficiently managing databases, optimizing performance, and fine-tuning queries to enhance the reliability and scalability of web applications. Ensuring web service stability through rigorous unit and integration testing, proactively identifying and addressing potential issues. Collaborating closely with QA engineers and front-end developers to deliver a cohesive and high-quality end product. Maintaining detailed technical documentation for server-side code, APIs, and integration processes to promote effective team collaboration and knowledge sharing. A dedication to continuous learning, keeping up with the latest technologies, industry best practices, and security standards in backend development. A commitment to optimizing server performance and delivering backend systems that exceed end-user expectations, providing a seamless and reliable web experience.

EDUCATION

• Bachelors degree in Science from RGPV 2015 - 2019

LANGUAGES

• English - advanced

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