Ved Tiwari

Software Engineer

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○ github.com/Ved1803   🚩 Indian   📅 20/06/2022

SKILLS

Programming Language:
Ruby, Python and Javascript

Web Development:
Ruby on Rails, HTML, CSS

Project Management & Version Control:
Git, GitHub, GitLab, Bitbucket, AWS CodeCommit, Trello, Jira, Agile, SDLC

Databases:
PostgreSQL, MySQL, MongoDB

Testing:
Rspec, Capybara

Technologies:
Redis, Sidekiq, Docker, GrapeApi, GraphQl, Swagger, CI/CD, Kubernetes

PROFESSIONAL EXPERIENCE

Associate Software Engineer - Ruby On Rails   08/2022 – present
Webkorps Services India Private Limited   Indore, India
1. MVC Architecture Expertise:
- Orchestrated the development of cutting-edge intranet applications in Ruby on
Rails, following MVC design patterns, resulting in a 30% reduction in manual data
entry errors and a 25% boost in data accuracy.
2. Rails Application Development:
- Skilled in developing, maintaining, and debugging Rails applications, ensuring
robustness and scalability throughout the software lifecycle.
3. Database Management with Rails:
- Proficient in implementing Rails Migrations and utilizing Active Record for
efficient database management.
- Directed the integration of Action Mailer to automate email notifications in Rails
apps, boosting user interaction rates by 50% and enhancing overall customer
satisfaction levels by 30%.
4. CRUD Operations and MVC Architecture:
- Implemented and enhanced CRUD operations using the MVC architecture of Rails
framework and Ruby, conducting thorough code reviews for optimization.
5. Testing and SDLC Proficiency:
- Proficient in RSpec for testing and migration/integration processes, well-versed in
the Software Development Life Cycle (SDLC) and Object-Oriented Programming
(OOPs) concepts.
6. Deployment on Heroku:
- Proficient in configuring applications for deployment on Heroku, ensuring
seamless integration and optimal performance in cloud environments.
7. Active Participation in Agile Processes:
- Actively participate in daily scrum sessions within teams, facilitating discussion on
backlog items and resolving dependencies for smooth project progress.
8. Framework Integration and Background Tasks:
- Successfully integrated different frameworks and tools with Ruby on Rails,
including Sidekiq for background task execution.
9 .GraphQL and Grape API Development:
- Developed custom GraphQL queries and integrated Grape API for efficient data
retrieval and API development, enhancing performance and flexibility in application
development.

PROJECTS

Peraton
- Developed the whole feature to print the pdf's on the dashboard for applicants at different MET sites. Designed and developed the Graphql Queries for them.
- Developed custom Rake tasks tailored for updating and deactivating the Met site, enhancing the efficiency of maintenance processes.
- Collaborated closely with other developers to update and deactivate Met site components, ensuring seamless integration and minimal disruption to operations.
- Updated GraphQL mutations to accommodate changes in data structure and requirements, ensuring smooth integration with frontend applications.
- Wrote comprehensive RSpec tests to validate system functionality and ensure reliable performance.
- Implemented feature flags to selectively enable or disable features on the website for enhancing flexibility and control over feature rollout.
- Identified and debugged issues related to the USCIS validation mechanism, implementing effective solutions to ensure data accuracy and compliance.

Timesheet Management System
- Led the development of a comprehensive timesheet management system from inception to deployment, focusing on backend API creation and optimization.
- Collaborated closely with the frontend team to integrate backend functionality with user interfaces, ensuring a cohesive and seamless user experience.
- Implemented RuboCop standards to maintain code quality and readability and robust user authentication and authorization mechanisms to ensure secure access to timesheet features.
- setup of a MySQL database for seamless data storage and retrieval, optimizing database schema for efficient query performance.
- Designed and implemented RESTful routes for the API endpoints, ensuring clear and intuitive access to timesheet functionalities.
- Worked on background jobs to notify team leads via email upon employee timesheet submissions, enhancing workflow efficiency.
- Wrote extensive RSpec tests for APIs to validate functionality and maintain code integrity.
- Optimized codebase for improved performance and scalability, enhancing user experience and system reliability.

Fond
- Developed Granular Admin and Delegation Features.
- Utilized Grape API for Development.
- Implemented Team/Group Recognitions.
- Optimized Existing Functionality for Better Performance.
- Resolved Critical Bugs to Ensure a Seamless User Experience
- Conducted Thorough Cleanup of Unused Code Files.
- Developed and Maintained APIs for Mobile Applications.
- Used Caching Strategies with Redis.
- Utilized Continuous Integration and Continuous Deployment (CI/CD) Tools

Prompt AI
- Worked as a full-stack developer, focusing primarily on backend development (80%), with frontend adjustments (20%) to support backend features.
- Built the application from scratch, implementing secure authentication and authorization using Devise, CanCanCan, and JWT.
- Integrated AI-based prompt enhancement functionality, allowing users to input prompts and receive improved, structured suggestions for better AI interaction.
- Managed user sessions, access control, and background processing tasks to ensure a smooth user experience.
- Made necessary frontend changes to support new backend features and ensure seamless integration.
- Ensured clean and scalable codebase using MVC architecture and followed Agile methodology for sprint-based delivery

LANGUAGES

Hindi   English

EDUCATION

BTech   2018 – 2022
Rajiv Gandhi Proudyogiki Vishwavidyalaya 🔗   India