KAUSHAL KARKI

SOFTWARE ENGINEER

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OBJECTIVE

Software Engineer with 2.5 years of experience majorly in Ruby on Rails and proficiency in Agile methodologies, seeking full-time software development roles.

EDUCATION

Master of Computer Application, G.B.P.U.A.T, Pantnagar   **2019-2022**

7.97 CGPA

- During my MCA program, I excelled in chess and cricket, while also serving as the class representative. This role honed my leadership, organizational, and communication skills.

Bachelor of Science, Kumaun University,Nainital   **2015-2018**

55.8%

- Through my Bachelor of Science (B.Sc.) program in Physics, Chemistry, and Mathematics, I developed a solid foundation in analytical thinking, problem-solving, and mathematical reasoning. This education equipped me with skills that are valuable in various technical and scientific fields.

SKILLS

Technical: Ruby on Rails, JavaScript, React, MySQL, Git, JIRA, Artificial Intelligence, Google Cloud Platform (GCP), C/C++, Docker, ORM,

Soft Skills: Communication, Problem-Solving, Teamwork, Leadership, Time Management

EXPERIENCE

Software Engineer   **March 2022 - Present**

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- Developed RESTful APIs in Ruby on Rails for various functionalities, ensuring adherence to best practices and standards.
- Proven ability to quickly identify and resolve bugs and issues in a production environment, ensuring minimal downtime and disruption to users.
- Created comprehensive RSpec test suites to ensure the robustness and reliability of Ruby on Rails applications, covering both unit and integration tests.
- Created detailed Swagger documentation for APIs, providing clear and comprehensive documentation for developers and stakeholders.
- Proficient in writing optimized SQL queries, ensuring efficient database operations, and improving overall application performance.
- Proficiency in using Git for version control, enabling effective collaboration with team members and efficient tracking of code changes, ensuring code integrity and smooth development workflows.

Intern - React   **Sept 2021 – Dec 2021**

Grey Scientific Labs

- Proficient in building React applications using a component-based architecture, breaking down the UI into reusable and manageable components.
- Experienced in managing application state efficiently using tools like React's built-in state management (useState)
- Familiarity with React's lifecycle hooks (for functional components) to handle component initialization, updates, and cleanup, ensuring optimal performance and behaviour of React applications.

PROJECTS

- **GIF Countdown**: A GIF Countdown app created with Ruby on Rails enables users to generate and display countdowns through animated GIFs. Powered by the RMagick gem, the app dynamically produces GIF images. Users input the countdown duration, triggering the app to generate a GIF that counts down from the specified time to zero, with the GIF updating every second.

- **Healthcare Project:** In this healthcare project, the web application includes features such as a patient dashboard, doctor appointment scheduling, and medical report management, implemented using HTML, CSS, and React.

- **OpenAI**: Developed an advanced segment creation system using OpenAI's fine-tuning capabilities to enhance model performance and specificity. By fine-tuning language models, I was able to generate highly accurate and contextually relevant segments based on unique criteria. This project significantly improved the quality and relevance of the segmented data, enabling more effective and targeted applications. Click here to read more about it

ACHIEVEMENTS

- Secured 2nd rank in the MCA entrance exam.
- Won chess competitions in Inter School competitions.
- HackerRank – SQL Certified, Software Engineer Intern Certified

LINKS

LinkedIn: www.linkedin.com/in/kaushalkarki

Github: www.github.com/kaushalkarki

HackerRank: www.hackerrank.com/profile/kaushalkarki20