

Rahulkrishnan R

Full Stack Developer

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EXPERIENCE

TalenQ Software India Pvt Ltd | Bengaluru

Jul 2021 - Present

Full Stack Developer

As a full-stack developer at Talenq Software India Pvt Ltd, I led the development and deployment of Talenq and EmployQ projects, including Talenq's recruitment solution platform and EmployQ's career social platform. Using the MERN stack, I ensured seamless integration and functionality, delivering innovative software products that enhanced user experiences and streamlined operations for both platforms.

- Led the architecture and implementation of scalable and responsive front-end interfaces using ReactJS and NextJS, ensuring optimal user experiences across devices.
- Utilized MongoDB to design robust and efficient database schemas, facilitating seamless data storage and retrieval for AI assistance functionalities.
- Orchestrated server-side logic and RESTful APIs using Node.js and Express.js, enabling smooth communication between the front-end and back-end systems.
- Integrated real-time communication features using Socket.IO to enable interactive AI assistance capabilities, enhancing user engagement and satisfaction.
- Implemented Server-Sent Events (SSE) to enable efficient server-to-client communication for delivering real-time updates and notifications within the application.
- Collaborated closely with cross-functional teams to understand project requirements, provide technical insights, and drive the successful deployment of applications on Amazon EKS and Kubernetes.
- Leveraged GitLab for version control management, ensuring code integrity, collaboration, and streamlined deployment processes.
- Contributed to the continuous improvement of software architecture, performance optimization, and code maintainability, adhering to best practices and industry standards.

My role demanded a comprehensive understanding of both front-end and back-end technologies, along with the ability to adapt to evolving project requirements and emerging technologies. Through effective communication, problem-solving skills, and a relentless pursuit of excellence, I consistently delivered high-quality software solutions that exceeded client expectations and propelled organizational success.

Graphic Designer

As a Graphic Designer at Personiv, I conceptualized and crafted digital and print advertisements, ensuring alignment with brand guidelines and marketing objectives. Utilizing Photoshop for digital ads and Illustrator/InDesign for print media, I collaborated closely with marketing teams to deliver impactful creatives that promoted brand awareness effectively.

PROJECTS WORKED**TalenQ Software India Pvt Ltd | Bengaluru***Aug 2022 - Present***Project Name: EmployQ****Role:** Full Stack Developer

Description: Spearheaded the development of EmployQ, a pioneering recruitment platform leveraging Generative AI to provide tailored career solutions. Led end-to-end development, from frontend and backend architecture to deployment. Integrated AI algorithms for personalized insights and collaborated on a user-friendly interface, empowering job seekers to make informed career decisions confidently.

Backend**Profile:**

- Implemented data validation mechanisms using Node.js and Express.js to ensure accuracy and completeness of user-provided information.
- Created APIs to properly get users data and store in MongoDB database and written optimised query to send the datas to client efficiently whenever needed.
- Employed secure authentication methods using JWT and OAuth to safeguard sensitive user data and privacy.
- Integrated the Llama3 API from data scientists to provide AI features for profile enhancements and recommendations.
- Created and maintained APIs for each session, ensuring proper session management and data integrity.

Resume Builder:

- Implemented data parsing algorithms using Node.js to transform user-provided information into structured resume formats.
- Integrated AI-powered content generation for personalized and impactful resume content using Llama3 API.
- Created and maintained APIs for each session, ensuring proper session management and data integrity.
- Configured the resume builder module in a way in which new features/ new resumes can be added with very less to zero deployment.

Cover Letter:

- Implemented parsing algorithms using Node.js to generate structured cover letter formats based on user-provided information and job requirements.
- Integrated AI-driven content suggestions for enhancing the effectiveness and customization of cover letters using Llama3 API.
- Created and maintained APIs for each session, ensuring proper session management and data integrity.
- Configured the Cover letter module in a way in which new features/new cover letters/editing the cover letters can be done with very less to zero deployment.

Qdidi: AI Chat Assistance:

- Managed the history of conversations using Node.js, allowing users to access previous interactions easily for reference and continuity.
- Getting Feedback for the conversations, upvoting a conversation and storing that in our database.
- Collaborated with data scientists to integrate AI algorithms and enhance the chatbot's capabilities in providing intelligent responses and assistance using Meta's Llama3.
- Created and maintained APIs for each session, ensuring proper session management and data integrity.

Frontend:

Profile:

- Developed a comprehensive user profile page using Next.js, allowing individuals to showcase their professional achievements and qualifications effectively.
- Designed an intuitive interface for users to input and manage various data, including experience, education, skills, awards, certifications, and more, ensuring a seamless user experience.
- Collaborated with UI/UX designers to create visually appealing and user-friendly profile layouts, enhancing accessibility and usability.

Resume Builder:

- Engineered a dynamic resume builder module using Next.js, enabling users to create professional resumes effortlessly.
- Designed an intuitive interface for users to input and organize resume sections such as experience, education, skills, awards, certifications, and more.
- Enabled users to customize resume templates and layouts to suit their preferences and industry standards.
- Collaborated with UX/UI designers to ensure a seamless and intuitive user experience throughout the resume building process.

Cover Letter:

- Engineered a feature-rich cover letter builder module using Next.js, facilitating users in crafting compelling cover letters tailored to specific job applications.
- Designed an intuitive interface for users to input and organize cover letter content, including personal details, job-specific qualifications, and career highlights.
- Enabled users to select from a variety of cover letter templates and customize them to reflect their unique style and professional brand.
- Collaborated closely with UX/UI designers to ensure a seamless and user-friendly experience, guiding users through the cover letter creation process with ease.

Qdidi: AI Chat Assistance:

- Developed and maintained the user interface (UI) for Qdidi, an AI chat assistance platform, using Next.js.
- Implemented features to handle Server-Sent Events (SSE) effectively, ensuring smooth data transmission and displaying conversations in a chronological manner.
- Designed the UI to facilitate seamless interaction, providing users with a smooth and intuitive chat experience.
- Conducted regular maintenance to optimize performance and usability, ensuring a high-quality user experience.

TalenQ Software India Pvt Ltd | Bengaluru

July 2021- Aug 2022

Project Name: TalenQ

Role: Full Stack Developer

Description: In this project I actively contributed to the development of the project by introducing additional features to enhance its functionality and user experience. Leveraging my creativity and technical skills, I collaborated with the development team to conceptualize, design, and implement these features. Additionally, I took part in deploying the application to Amazon EC2 instances using Nginx as a reverse proxy server, ensuring seamless access and optimal performance for users. Through my proactive involvement and innovative contributions, I played a valuable role in advancing the project's capabilities and achieving its objectives

Backend

- **Regular Updates and Patches:** Conducted regular updates and patches to maintain security and stability, following best practices for server maintenance and management. Created New APIs for new features. Worked with senior developers to implement security measures and system improvements.
- **Amazon S3 Buckets for Storing Resumes of Users:** Leveraged Amazon S3 buckets to securely store and manage user resumes, ensuring reliable storage and retrieval of document files while maintaining scalability and accessibility.

- **Docker for Containerization:** Utilized Docker for containerization, ensuring consistency and portability of application environments across development, testing, and production stages. Assisted senior developers in setting up and managing containerized environments.
- **GitLab CI/CD Pipelines:** Implemented GitLab CI/CD pipelines to automate the build, test, and deployment processes, streamlining development workflows and ensuring code quality. Collaborated with senior developers to optimize CI/CD practices.
- **Kubernetes for Container Orchestration:** Leveraged Kubernetes for container orchestration, managing application deployment, scaling, and load balancing efficiently in dynamic environments. Supported senior developers in configuring and maintaining Kubernetes clusters.
- **Server Infrastructure Maintenance:** Maintained the server infrastructure, monitoring performance metrics, and addressing any issues to ensure optimal operation and uptime. Assisted senior developers in troubleshooting and resolving infrastructure-related issues.
- **Collaboration with DevOps and Development Teams:** Collaborated with DevOps and development teams to optimize server configurations, enhance deployment processes, and troubleshoot any infrastructure-related issues effectively. Provided support to senior developers in enhancing overall system performance.

Frontend

- **Web Sockets for Real-Time Notification:** Implemented Web Sockets to enable real-time notification delivery, ensuring users receive instant updates on application activities and interactions.
- **Server-Sent Events (SSE) for Handling AI Data Stream:** Utilized SSE to manage the AI data stream efficiently within the platform, facilitating seamless communication and processing of real-time data updates.
- **CDNsun for Storing CDN of User Profile Images:** Integrated CDNsun to store and deliver user profile images efficiently, optimizing load times and enhancing user experience across the platform.

EDUCATION

Coimbatore Institute of Engineering and Technology

May 2017

Bachelor of Engineering - Electrical and Electronics Engineering

SKILLS

Programming Languages: JavaScript

Web Development: HTML, CSS, Bootstrap, Material UI, React, Next.js, Node.js, Express.js, Server Sent Events, Socket.io

Databases: MongoDB

OTHER

Languages Known: English, Tamil

Hobbies: Watching Anime