GHAZI SULTAN

Senior Software Engineer | IIT Kharagpur

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EXPERIENCE

Wise Leap Technologies Pvt. Ltd. | Senior Software Engineer

Lens - The Future Of Live Learning ↗   **July '22 – Present**

- Constructed the entire backend for Lens App, facilitating real-time tracking of engagement metrics (attention, talk time, and live session quality) through WebSocket and Redis pub/sub, resulting in a 54% boost in the company's revenue.
- Engineered agendas and polls to elevate live meeting engagement, providing hosts with the ability to create and launch pre-made agendas and polls in real-time.
- Developed a backend for a real-time leaderboard, utilizing engagement metrics and quizzes to increase participant engagement by 50% during live sessions.
- Enhanced meeting scalability through the implementation of background jobs and data migration, achieving a 400% increase in concurrent users during live meetings.
- Conducted load, stress, and scalability tests with an automation script to optimize EC2 tasks, maintaining CPU and memory within safe limits.
- Analyzed error and request logs, resolving bottlenecks and issues to ensure product stability and boost customer retention by 67%.

Wise - The Teaching App ↗   **March '22 – Present**

- Built a service for large file uploads using S3 multipart upload URLs, achieving similar latency comparable to Google Drive, using AWS multipart upload & Vue.js.
- Integrated payment gateways like Razorpay, Stripe & Paytm, automating fee collection and facilitating teachers to collect fees from students, optimizing the process by 10X.
- Designed and implemented a subscription paywall system to streamline access to premium services, reducing customer onboarding time by 90%.
- Developed a Docker script to containerize unit tests and segregate the codebase into main and test containers, resulting in a 50% reduction in image build size and time.
- Crafted intricate and efficient MongoDB queries to migrate millions of documents, perform analytics, and create leaderboards for institutes.
- Built & automated course certificate issuance, cutting hours of manual work per course.

Wise Leap Technologies Pvt. Ltd. | Software Engineer

Wise - The Teaching App   **August '20 – Mar '22**

- Developed and managed an exam hosting application using Ruby on Rails, contributing to the success of a $5 million seed fundraise.
- Engineered a secure and reliable video lecture streaming service utilizing FFmpeg, resulting in a 11% boost in the company's revenue.
- Developed the complete early version of the WiseApp web application using Ruby on Rails and Javascript, resulting in a 300% increase in web user engagement.
- Built a Link Shortener API, optimizing URL sharing and enhancing user experience.
- Led a Ruby on Rails training session for juniors showcasing effective mentoring skills.
- Played a key role in collaborative brainstorming, championing the design of simple, intuitive products, and emphasizing teamwork and product design.

Idea Rise Technology | Software Engineer   **Jun '19 – July '20**

- Developed and managed a web application tailored for real estate companies, optimizing lead tracking and agent performance monitoring processes for enhanced efficiency.
- Developed a sales CRM and pipeline management software with Gmail integration for streamlined sales tasks, revenue tracking, and business growth.
- Developed and managed various other applications that automate processes across various industries, like construction, event management, and government agencies.
- Crafted a Google Apps Script (GAS) web applications enabling CRUD operations on spreadsheet data with robust authentication and data validation.

EDUCATION

IIT KHARAGPUR, 2019
5 year Integrated M.Sc.

CGPA: 7.8 / 10

SKILLS

- Javascript
- NodeJS
- Ruby
- Ruby on rails
- AWS
- Git
- Communication
- Microservices
- Python
- Docker
- MongoDB
- Redis
- Web Socket
- REST APIs
- MySQL
- FFmpeg
- Vue.js
- Django

RELEVANT COURSES

- Programming & Data Structures
- Computer Networks
- Design & Analysis of Algorithms
- Probability & Statistics

ACHIEVEMENTS

- Founding Member, Wise Leap Technologies Pvt. Ltd., which raised a seed fund of $5M
- Part of the Team which won BW Businessworld EduTech award for "Learning App of the Year 2022" and 11th mBillionth Award in Learning & Education 2021

MISC. EXPERIENCE

- Led a team of 3 to design, build, and deploy the **Parchi** ↗ restaurant management app using Flutter on the Google Play Store.
- Recruited and trained 30+ contributors to create high-quality CS textbook solutions and moderated CS solutions as a Content Moderator at Quizlet Inc.

LANGUAGES

- English - Proficient
- Arabic - Conversational
- Urdu - Native
- Hindi - Native