




Arnav Sharma

Software Developer Engineer

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PROFESSIONAL EXPERIENCE

Software Developer Engineer Intern

Mar 2023 – present | Bangalore, India

Scaler Academy/InterviewBit

Tech Stack: Ruby on Rails, MySQL, React.js, Redux, Redis

- **Implemented AWS S3 Bucket Versioning:** Addressed the need for version control for articles by implementing AWS S3 bucket versioning from scratch. This initiative led to a 15% improvement in content quality and improved the efficiency of the SEO team by 20%.
- **Introduced MCQs Based Test "Topics QuizPop":** Enhanced user interaction and retention rates in articles by 15% and 10%, respectively, through the introduction of the MCQs-based test feature "Topics QuizPop".
- **Optimized Database Queries:** Enhanced system performance by refining database queries, specifically targeting a fixed listing query with customizable options like search, sorting, and tag filtering. This led to a notable 30% decrease in response time by eliminating N + 1 queries and integrating optional parameters.
- **Developed and Implemented Responsive UI Components:** Enhanced the user interface (UI) and user experience (UX) within the admin dashboard by 30% through the development and implementation of responsive UI components using React, Redux and Material UI.
- **Provided On-call Support for the Topics Team:** Ensured smooth operation of the platform by providing on-call support for the Topics Team over 12 months. Achieved a 95% average resolution time and maintained a user satisfaction rating of 4.8 out of 5, contributing to enhanced productivity and user confidence.

SKILLS

Languages: C++, C, Ruby, HTML, CSS, JavaScript, TypeScript

Frameworks: Ruby on Rails, Node.js, Express.js, React.js, Material-UI, Tailwind.css

Database & Developer Tools: MySQL, Postgres, MongoDB, REST APIs, VS Code, Git and GitHub, Firebase

Coursework: Data Structures and Algorithms, OOPS, Computer Networks, DBMS

PROJECTS

Code-with-Companion

Jan 2023

Technology Used: React.js, Socket.io, Tailwind.css

- Developed a website where users can share a URL and invite other people to join them for a video chat.
- The built-in code editor on the website also allows users to alter the code of other users and compile it in various programming languages that can be saved.
- Users can also draw out their ideas using a whiteboard, and they can record the entire session and store them in your downloads.

ACHIEVEMENTS

Led the victorious team in a Code-a-thon competition, surpassing 100 other teams

Created a project called Code-with-Companion during a 24-hour Hackathon organized by Programming Pathshala.

Earned recognition on the Dean's List, which celebrates the top 10% of college student

Selection criteria encompass various elements, including but not limited to CGPA, exam scores on tests like AMCAT, Elitmus, MERCER METTL, and COCUBES, and evaluations of soft skills.

Attained a ranking of under 60,000 in the LeetCode World Ranking

This ranking is determined by the total number of questions solved compared to coders worldwide, along with receiving over 83.5k views and gaining 330+ reputation stars for contributing various solution articles.

EDUCATION

Lovely Professional University

Aug 2020 – May 2024 | CGPA: 8.59

Bachelor of Technology (Computer Science Engineering)

Birla Public School, Pilani

Apr 2018 – Apr 2020 | Percentage: 86.4%

CBSE Sr. Sec School