

Arnav Sharma *Software Developer Engineer*

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📁 EXPERIENCE

Associate Software Developer Engineer

June 2024 – present | Gurgaon, India

Uolo EdTech

Tech Stack: React.js, Node.js, Express.js, MongoDB, PostgreSQL, Elasticsearch, AWS SQS, Redis

- **Engineered PostgreSQL-Elasticsearch Synchronization:** Designed and implemented a robust, scalable solution to seamlessly synchronize PostgreSQL data with Elasticsearch during CRUD operations. In the course of synchronization used custom Elasticsearch schema, resulting in a **30%** reduction in API latency and **70%** decrease in database load.
- **Executed Seamless Data Migration:** Streamlined the end-to-end migration of project setup data from the previous to the current year, resulting in a **90%** time reduction for the Content Team during annual migrations for **10k+** schools.

Software Developer Engineer Intern

March 2023 – April 2024 | Bangalore, India

Scaler Academy

Tech Stack: Ruby on Rails, MySQL, Sidekiq, 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".
- **Provided On-call Support for the Topics Team:** Ensured smooth operation of the platform for the Topics Team over 12 months. Achieved a 95% resolution on time and maintained a user satisfaction rating of 4.8+, contributing to enhanced productivity and user confidence.

🧠 SKILLS

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

Frameworks: ReactJS, NodeJS, ExpressJS, Ruby on Rails, Tailwind.css, Material-UI

Database & Developer Tools: MySQL, Postgres, MongoDB, Elasticsearch, REST APIs, Git, Firebase, Appsmith, Postman

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Database Management System

📁 PROJECTS

Pianifica: Project Management Dashboard

Technology Used: Next.js, Express.js, Node.js, PostgreSQL, Redux Toolkit, Prisma ORM, Tailwind.css

- Robust project management tool designed to streamline team oversight of tasks, projects, and resources.
- Designed dynamic workspaces, kanban boards, and interactive calendars to optimize task and project management workflows.
- Engineered secure user roles, permissions, and authentication systems, enhancing data security and role-based access control.
- Integrated advanced search, filtering, and analytics dashboards, boosting project tracking and data insights.

Code-with-Companion

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

- Developed a website that enables users to share a URL and invite others to join for a video chat.
- The website features a built-in code editor, allowing users to modify each other's snippet and compile it in C, C++, Python, Java programming languages, with the option to save their work.
- Users can also draw out their ideas on a whiteboard and record the entire session, which can be stored in their downloads.

🏆 ACHIEVEMENTS

Led the victorious team in a Hack-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 include several elements, such as CGPA, exam scores from tests like AMCAT, Elitmus, MERCER METTL, and COCUBES, as well as assessments of soft skills.

Attained a ranking of under 63,000 in the LeetCode World Ranking

This ranking is based on the total number of questions solved in comparison to coders globally. Additionally, received over 88.5k views and earned 340+ reputation stars for contributing solution articles.

🎓 EDUCATION

Bachelor of Technology (Computer Science Engineering)

August 2020 – June 2024 | CGPA: 8.63

Lovely Professional University, Phagwara

CBSE Sr. Sec School

April 2018 – April 2020 | Percentage: 86.4%

Birla Public School, Pilani