

Arnav Sharma *Software Developer Engineer*

✉ arnavsharma2711@gmail.com 📞 9773744766 🌐 arnavsharma2711 🔄 arnavsharma2711 📁 Portfolio

EXPERIENCE

Associate Software Developer Engineer

June 2024 – present | Gurugram, India

Uolo EdTech

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

- Superheaded and implemented a scalable **PostgreSQL Elasticsearch synchronization solution** with a custom schema, reducing API latency by **40%** and database load by **30%**.
- **Launched an ERP system** for the Success Team to automate training requests, notifications, and scheduling Google Calendar Events, reducing manual effort by **80%** and boosting training completion by **35%**.
- **Automated video localization** using Assembly AI and Murf AI, **converting British to Indian English accents** and reducing Content Team's editing time from **3-4 hrs** to under **10 mins** per video.
- Designed and refactored a scalable, modular CMS with a tree-like structure, **streamlining content management** for **10K+** schools and **1M+** students.
- **Streamlined division setup data migration** across years, reducing annual migration time by **95%** for the Content Team across **10K+** schools.

Software Developer Engineer Intern

March 2023 – April 2024 | Bengaluru, India

Scaler Academy

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

- **Implemented Content Version Control** with AWS S3 bucket versioning, improving content quality by **15%** and Content & SEO team efficiency by **20%**.
- Enhanced user interaction and retention rates in articles by **15%** and **10%**, respectively, through the **introduction of the MCQs based test** feature "Topics QuizPop".
- **Ensured platform stability** for the Topics Team, achieving **95%** on-time issue resolution and maintaining a **4.8+/5.0** user satisfaction rating, boosting productivity and 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, Jenkins, Git, Firebase, Appsmith

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

PROJECTS

Pianifica: Project Mangement Dashboard

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

- Robust Full-Stack Project Management application to streamline workflow and enhance team collaboration.
- **Integrated Redis caching** to store analytics response, reducing database load by **30%** and improving performance under high traffic.
- Designed and **implemented full-proof authentication** with email verification, session management, and encrypted password storage, ensuring **100% secure login**.
- **Engineered a global search system** to efficiently fetch data across multiple models, reducing search latency by **40%** through optimized indexing and query structuring.

HONONRS AND AWARDS

Led the team victorious in a 2-day Hack-a-thon, surpassing 100 other teams

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

Solved 400+ DSA problems and authored solution articles on LeetCode, earning 89.5K+ views and 340+ reputation points.

EDUCATION

Bachelor of Technology (Computer Science Engineering)

August 2020 – June 2024 | CGPA: 8.63

Lovely Professional University, Phagwara