Ravi Kant Sharma

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LinkedIn | GitHub | LeetCode | Portfolio

EDUCATION

B. TECH (Software Engineering)	2020 – 24	Delhi Technological University, New Delhi	9.38 GPA
AISSCE/CBSE (Class XII)	2019	Hope Hall Foundation School, New Delhi	79.8%
AISCE/CBSE (Class X)	2017	Sunshine Prep./ High School, Muzaffarpur	10 CGPA

EXPERIENCE

QuickReel | 🔗 | **Software Development Intern**   *(Feb'23 - Apr'23)*
- Developed a **full-stack** AI based automatic video editing website to generate social media ready short clips.
- Integrated **Stripe** payment strategy to get, renew, cancel and manage the monthly and annual subscriptions.
- Wrote several API endpoints to process and save the video to **AWS S3** server and **MongoDB**. Used **Redux** for state management in the frontend and containerized the backend server using **Docker**.
- Optimised backend processing time from **30 mins to 45 secs** and **reduced** server-side bandwidth decay upto **85%.**
- Created a custom web-based video player for video preview in the frontend and added **Google Authentication**.

IQAC-DTU | 🔗 | **Web Development Intern**   *(Sep'22 - Feb'23)*
- Designed a responsive and user-friendly website to display and store all the data related to university's IQAC.
- Developed and optimized the website using **HTML**, **CSS**, **JavaScript** and **Bootstrap** technologies.
- Built a custom gallery viewer to showcase the achievements of the department. Deployed the website on Apache server of DTU. Resulted in an overall **increase in productivity and accessibility** of department's data by **over 50%.**

PROJECTS

Bharat Rescue | 🔗 | MERN, Redux, Filebase, Docker, Azure   *(Aug'23 -Sep'23)*
- A centralized disaster response force system consisting of admin and staff for different rescue centers across nation.
- <u>Key Features</u>: Locate nearest rescue center, Coordination among centers, Save-Search rescue detail, Inform NCC Cadets.
- Utilized Node.js and Express.js to establish a robust server and RESTful APIs, handling **2000+ daily API calls**.
- Integrated JWT authentication, Filebase IPFS, MongoDB for storage. Deployed Docker container application on Azure.

AstroVajra | 🔗 | MERN, GraphQL   *(Apr'23 - May'23)*
- A web-based space shooter game incorporated with different difficulty levels and global leaderboard for competitive advantage, entertaining **50+ online active gamers**. Built custom hooks for handling states of several game elements.
- The application utilizes MUI components and an NES-style CSS frame work for UI and MongoDB and GraphQL for database models and API queries.

ACHIEVEMENTS

- Software Engineering Virtual Experience at **JPMorgan Chase & Co.** using their tools for stock market data analysis.
- **Jumpstart Hackathon** - 🔗 Finalist (Ranked **top 5%** among **29,509** participants)
- Codekaze 2023 (by Coding Ninjas) - 🔗 **Finalist** (**AIR 634 out of 80000**+ participants)
- Solved **900**+ questions on LeetCode (Max Rating**: 1747**).
- Earned the **Golden Annual Badge** from LeetCode provided to **top 0.2%** coders for consistent coding in 2022.

TECHNICAL SKILLS & CERTIFICATIONS

Strongest Areas	Data Structures, Algorithms, Full-Stack Web Development
Computer Fundamentals	Object-Oriented Programming, Operating Systems, DBMS, Computer Networks
Programming Languages	C++, JavaScript, Python
Database	MongoDB, MySQL
Libraries/Frameworks	HTML5, CSS3, Tailwind CSS, React.js, Express.js, Node.js, GraphQL, Redux, Webhooks
DevOps	Git, CI/CD, Docker, AWS S3, Azure, Apache, Netlify, Render

EXTRA CURRICULAR ACTIVITIES

- Earned certificate of appreciation for managing official event of more than 250+ ranked officials during university's course and curriculum accreditation by National Boards of Accreditation.
- Won gold medal for representing high school at district level and mentoring 360+ juniors for smart home automation using programmable IOT devices.