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 | 🔗 *(Feb'23 - Apr'23)*
- Created 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 Docker virtual container service to handle the package dependencies of backend.
- 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 Login feature.

IQAC-DTU | 🔗 *(Sep'22 - May'23)*
- Completed Web Development internship at IQAC Department to make a responsive and user-friendly website to display and store all the data related to university to increase the accessibility.
- 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.

PROJECTS

AstroVajra | 🔗 | MERN, GraphQL, Hooks *(Apr'23 - May'23)*
- A MERN stack-based space shooter game utilizing its scenes from 1979 Atari game Asteroids.
- The application utilizes MUI components and an NES-style CSS frame work for UI and MongoDB and GraphQL for database models and API queries. Created several custom hooks for handling the state.
- The web-game is incorporated with different difficulty levels and global leaderboard for competitive advantage.

GharBar | 🔗 | MERN, Redux *(Oct'22 - Nov'22)*
- GharBar is an authenticated hotel booking and management website based on the MERN Stack and integrated with Razorpay API for payments. The website uses Redux for state management.
- The website offers administrative access to manage rooms, bars, bookings, coupons, and gallery. Deployed the backend on Render and frontend on Netlify.

ACHIEVEMENTS

- Software Engineering Virtual Experience at **JPMorgan Chase & Co.** using their tools for stock market data analysis.
- **Jumpstart Hackathon** - 🔗 Attended Jumpstart'22 after qualifying all rounds of the hackathon organized by Publicis Sapient (Ranked **top 5%** among **29,509** participants).
- **National Engineering Olympiad** - 🔗 **AIR 55 out of 50,000**+ candidates from engineering colleges across India.
- Earned the Golden Annual Badge from LeetCode provided to **top 0.2%** coders for consistent coding in 2022.

TECHNICAL SKILLS AND CERTIFICATES

Strongest Areas	Data Structures, Algorithms, Web Development
Programming Languages	C/C++, JavaScript, Python
Database	MongoDB, MySQL, PostgreSQL
Libraries/Frameworks	HTML5, CSS3, React.js, Express.js, Node.js, GraphQL, Redux, Git, OpenCV, Webhooks
Certificates	🔗 MERN Stack	🔗 JavaScript	🔗 Python	🔗 C++	🔗 Google Cloud

PUBLICATIONS

- Fabrication Of Smart Mini Thermoelectric Peltier Refrigerator | 🔗 | IJAEM, e-ISSN: 2395-5252, Volume:3 / Issue: 7/ July 2021, pp: 2482-2486, Impact Factor – 7.429