Ravi Kant Sharma

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LinkedIn | GitHub | LeetCode | Portfolio

EDUCATION

B. TECH (Software Engineering)	2020 – 24	Delhi Technological University, New Delhi	9.3 GPA
AISSCE/CBSE (Class XII)	2019	Hope Hall Foundation School, New Delhi	80%
AISCE/CBSE (Class X)	2017	Sunshine Prep./ High School, Muzaffarpur	10 CGPA

EXPERIENCE

Amdocs | Software Developer   *(Aug'24 - Present)*

- SKY Fallout Management Project (AT&T)

- Integral part of the development of new Sky Migration workspace involving **Angular** frontend development and created automations to update the UI components on receiving certain **Kafka** events.
- Enhanced the backend for Sky Force, utilizing **JESI** to manage fallout ticket processing logic and event updates, while integrating with **PostgreSQL** to store fallout tickets.
- Developed customized Wireless Migration workspace for internal systems, enabling streamlined handling of fallout tickets, thus reducing operational delays and increasing resolution speed.

- RTB Project (AT&T)

- Enhanced the bill run process in **RTB UI** workflows, triggering automation flows upon new loan detection and improving system responsiveness to device changes. Contributed to the automation enhancement of CCS one-time charges.
- Implemented **YAML** adoption in **Spring** framework and bill estimate hook flows to streamline external charge estimations using the estimate bill API, enabling faster and more reliable processing of device and accessory installment plans.

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 **React** with **Redux** for state management in the frontend and containerized the backend server using **Docker**.
- Optimized backend processing time from **30 mins to 45 secs** and reduced server-side bandwidth decay up to **85%.**

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.
- Key Features: Locate nearest rescue center, Coordination among centers, Save-Search rescue detail, Inform NCC Cadets.
- Integrated JWT authentication, REST APIs, IPFS, MongoDB for storage. Deployed dockerized container 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. Built custom hooks for handling states of several game elements.
- The application utilizes MUI components and an NES-style CSS framework for UI and MongoDB and GraphQL for database models and API queries.

ACHIEVEMENTS

- **Jumpstart Hackathon** - 🔗 Finalist (Ranked **top 5%** among **29,509** participants)
- Solved **900+** questions, earned **Golden Annual Badge** from LeetCode provided to **top 0.2%** coders for consistent coding.

TECHNICAL SKILLS & CERTIFICATIONS

Computer Fundamentals	Object-Oriented Programming, Operating Systems, DBMS, Computer Networks
Programming Languages	C++, JavaScript, Python, Java
Database	MongoDB, MySQL, PostgreSQL, Couchbase, Cassandra
Libraries/Frameworks	HTML, CSS, Tailwind CSS, React, Express, NodeJS, NextJS, Redux, SpringBoot, Flask
DevOps	Git, CI/CD, Docker, AWS S3, Azure, Apache, OpenShift, Jenkins, Kafka

EXTRA CURRICULAR ACTIVITIES

- Volunteer Leader – Amdocs CSR: Spearhead monthly CSR initiatives and events across the AT&T vertical, driving community impact and employee engagement. Successfully led a charity book stall campaign to raise over ₹80,000, contributing to the establishment of a library for underprivileged children.