Ravi Kant Sharma | SDE-1

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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 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%.**
- Created a web-based video player with customized control options for video playback and added **OAuth** login.

PROJECTS

TreeWeaver | 🔗 | Next.js, React, TailwindCSS, ShadCN UI, TypeScript

- Built a drag-and-drop family tree builder with interactive node linking, relationship management, and auto-layout.
- Enabled export to PNG/PDF and import/export via JSON; integrated client-side image uploads and customization options.
- Designed a dynamic UI with support for hierarchical trees, multiple spouses, and real-time relationship detection.

Bharat Rescue | 🔗 | MERN, Redux, Filebase, Docker, Azure

- 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, **RESTful** APIs, IPFS, MongoDB for storage, deployed dockerized container on Azure.

AstroVajra | 🔗 | MERN, GraphQL

- 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 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

Computer Fundamentals	Object-Oriented Programming, Operating Systems, DBMS, Computer Networks
Languages	C++, JavaScript, TypeScript, Python, Java, HTML, CSS, SQL, YAML
Database	MongoDB, MySQL, PostgreSQL, Couchbase, Cassandra
Libraries/Frameworks	React, Express, NodeJS, NextJS, Redux, Spring Boot, Flask, Tailwind, Webhooks, Swagger
DevOps	Git, CI/CD, Docker, AWS S3, Azure, 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 that raised over ₹80,000, contributing to the establishment of a library for underprivileged children.