

Brijesh Singh

Gorakhpur, India

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EXPERIENCE

- BEL (Bharat Electronics Limited)** Ghaziabad
Sep'25 - Present
 - Deputy Engineer*
 - Domain:** Cyber and Software Engineer
 - Skills/Tools:** Java, JavaFX, GIS, OpenGIS
 - Responsibilities:**
 - * Working with Javafx and OpenGIS libraries to visualize and analyze geospatial data.
 - * Developed GIS-based desktop applications using JavaFX for Drone and Implemented interactive map functionalities including zoom, pan, draw line, polygon, circle etc and coordinate tracking.
 - * Optimized geospatial file loading and rendering for improved performance in real-time map visualization tools.
- FlexiEle** Remote
Mar 2025 – Jun 2025
 - React Native Developer Intern*
 - Domain:** Mobile App Development
 - Skills/Tools:** React Native, Node.js, Express.js, MongoDB, AWS S3
 - * **Mobile UI Development:** Developed core mobile application screens using React Native, including Podcast Upload with real-time progress indicator, Profile Screen, and Home Screen.
 - * **User Engagement Features:** Implemented features allowing users to follow creators, like podcasts, create favorite podcast playlists, and view liked content in their profiles.
 - * **Backend Functionality:** Developed recommendation algorithms based on user listening history and followed creators; automated relevant podcast categorization into playlists; creator monetization after reaching 100 followers.
 - * **Database and Cloud Integration:** Designed and managed MongoDB schemas for users, creators, and podcasts; integrated AWS S3 for scalable and secure audio file storage.
- MELE** Remote
Sep'24 - Dec'24
 - Full Stack Developer Intern*
 - Domain:** Development
 - Skills/Tools:** React.js, Node.js, Express.js, MongoDB, Next.js, Cloudinary
 - * **Job Portal:** Designed and implemented RESTful APIs for a job portal to handle post uploads, likes, comments and paginated data retrieval, integrated infinite scrolling to address high data load times
 - * **Accomplishments/Impact:** 20% improvement in application performance significantly enhancing user experience and overall application efficiency
 - * **Admin Panel:** Built an Admin Panel to ensure seamless database control, enhance backend operations and streamlining administrative workflows.

EDUCATION

Madan Mohan Malaviya University of Technology

Bachelor of Technology - Computer Science Engineering; CGPA: 7.58

Gorakhpur, Uttar Pradesh, India

Nov'21 - June'25

SKILLS

Languages: C/C++, JavaScript, Java, Python, TypeScript, Solidity

Technology / Frameworks: React.js, React Native, Node.js, Express.js, Next.js, Django, Django Rest Framework, MongoDB, Tailwind, Redux Toolkits, SQL, PostgreSQL, MongoDB, Restful API, Docker, Redis, JavaFx, OPEN GIS

PROJECTS

- RentKart - React.js, Node.js, Express.js, MongoDB, Cloudinary:**

Developed a full-stack web application for room and flat rentals, implementing JWT-based authentication for secure user login, signup, and route protection.

Optimized the search feature with pagination, improving load times by up to **30%** and enhancing user experience with a well-designed loader.

Added pagination to upload room details with up to 5 images at a time and enabled search functionality by city and area for tenants.
- Foodify - React.js, React Native, Node.js, Express.js, TypeScript, MongoDB, Redux:**

Developed a cross-platform web and Android application (React Native) for seamless food ordering within restaurants.

Implemented robust state management using Redux for both web and mobile platforms, incorporating a loading bar to improve user experience across breakfast, lunch, and dinner routes.

ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITY

- Secured **1st** place in Algo Olympics 2024 and **1st** Rank in SYNTAX SIEZE coding competition
- Solved **1000+** DSA problems, ranked in the top 1% on Code360 with a rating of 3407 [link](#)
- Ratings: [CodeChef](#) 1653, [LeetCode](#) 1842, [GFG](#) 1807, [Codeforces](#) 1271
- Certifications: [Modern C++](#) (IIT Kharagpur), [Introduction to Machine Learning](#) (IIT Madras), [Multicore Computer Architecture](#) (IIT Guwahati)