

Brijesh Singh

Gorakhpur, India

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EXPERIENCE

• BEL (Bharat Electronics Limited)

Deputy Engineer

Ghaziabad

Sep'25 - Present

◦ **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

React Native Developer Intern

Mar 2025 – Jun 2025

◦ **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

Full Stack Developer Intern

Sep'24 - Dec'24

◦ **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

Gorakhpur , Uttar Pradesh, India

Bachelor of Technology - Computer Science Engineering; CGPA: 7.58

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, Restfull 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)