

# Lakshman Mulchandani

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## EDUCATION

### National Institute of Technology, Raipur (NIT Raipur)

BTECH in Electrical Engineering (CPI: 8.41)

Raipur,CG

DEC 2020 - April 2024

### Sachdeva International School

Raipur,CG

Class 12th (91.4 %)

April 2019 - June 2020

### Sachdeva International School

Raipur,CG

Class 10th (90.6 %)

April 2017 - May 2018

## EXPERIENCE

### GE Healthcare

Bangalore

#### EID (SDE) INTERN

May 2023 - July 2023

- **Project Contributions:** Contributed to 3 impactful software projects in 2 months, incorporating continuous feedback loops and seeking insights from senior software engineers.
- **NLP-based Chatbot:** Developed a chatbot, reducing response times by 30 %, handling 80 % of FAQs, and enhancing customer support efficiency to measure customer value.
- **Invoice Reading System:** Engineered a system with Python and ML, cutting processing time by 40 % and improving billing accuracy.
- **CI/CD Automation Research:** Led a PoC to automate CI/CD processes, aiming for a 70 % reduction in customization and deployment time.
- **Tech Adaptation:** Swiftly adapted to company-specific technologies, actively contributing as a React proficient team player.
- **Proactive Learning:** Sought insights from senior software engineers, accelerating the learning curve and embodying engineering excellence.

### NULLCLASS

Remote

#### MERN STACK INTERN

Oct 2022 - Dec 2022

- Developed a responsive full-stack app with robust user authentication mechanisms, catering to various screen sizes, from mobile (300px) to desktop (1920px).
- Implemented secure user authentication and streamlined database design, anticipating a 25% increase in site visits after adapting the desktop site for responsiveness.
- Engineered the application using ReactJS for the frontend and NodeJS, ExpressJS, and MongoDB for the backend. Designed to efficiently handle over 5000 concurrent users, the system excels in user authentication security and leverages MongoDB's scalability for seamless data management.

## PROJECT HIGHLIGHTS

### AVINYA2K23 Event App 📱

Jan 2023 - Mar 2023

- **Technologies Used:** ReactJs, NodeJs, ExpressJs, React-Router, Redux, MongoDB, JWT Auth, AWS, WebSockets, Cordova
- Led a team of 3 developers to create a dynamic web and mobile app for AVINYA2K23, engaging 1600+ participants.
- Engineered an interactive stock trading game, boosting participant interaction by 20%.
- Facilitated audience engagement, contributing to a 15% increase in satisfaction for AVINYA2K23.
- Transformed the web app into a mobile application using Cordova, resulting in a 30% increase in mobile engagement.
- Successfully managed scalability, achieving a 25% improvement in app responsiveness under high loads.

### StackOverflowClone 📱

Sep 2022 - Nov 2022

- **Technologies Used:** ReactJs,NodeJs, ExpressJs,React-Router,Redux,Mongoddb,Jwt Auth
- Crafted a StackOverflow-inspired project, showcasing full-stack development skills.
- Developed key features, including **Authentication**, **CRUD functionality**, and responsive UI for 1500+ users across diverse screens, from mobile (300px) to desktop (1920px).
- Established basic community features for 800+ users, enabling profile creation, inquiry posts, and friend connections.
- Implemented MongoDB for efficient data management, optimizing for 10,000+ entries.

## SKILLS

- **Programming Languages:** C++,Python,Javascript
- **Backend Technologies:** NodeJs, ExpressJs
- **Technical Subjects:** OOPS,Operating System, DBMS, System Design
- **Other Technologies:** VS Code,GIT, GITHUB,Postman,Heroku,Netlify,Render
- **Frontend Technologies:** HTML5,CSS3,Bootstrap,ReactJs,VueJs
- **Database:** Mongoddb,MySql

## ACHIEVEMENTS

- Achieved 1st place in Pitch the Peculiar Hackathon, demonstrating advanced problem-solving and algorithmic skills.
- Completed 500+ coding challenges across several coding sites with a 40+ day streak on LeetCode, ranking 2673.
- Secured 1st position in Sound of Silence Speaking Event by TEDx NITrr, showcasing strong communication and presentation abilities.
- Headed Innovation Cell Technical Team and Literati, highlighting leadership and collaboration.