

Lakshman Mulchandani

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EDUCATION

National Institute of Technology, Raipur

Raipur, CG

BTECH in Electrical Engineering

Expected 04/2024

CPI:8.41/10

WORK EXPERIENCE

GE Healthcare

Bengaluru, India

Software Developer Intern

05/2023 – 07/2023

Contributed to the development of three impactful software projects in a 2-month period, incorporating continuous feedback loops and insights from senior software engineers.

- Led the NLP-based Chatbot creation, achieving a 30% reduction in response times, effective handling of 80% FAQs, and improved customer support efficiency, ultimately enhancing value.
- Created an Invoice Reading System using Python and ML, achieving a 40% reduction in processing time and enhancing billing accuracy.
- Additionally, led a Proof of Concept (PoC) for CI/CD automation, targeting a 70% reduction in customization and deployment time.

NULLCLASS

Remote

Mern stack Intern

10/2020 – 12/2020

Made a responsive full-stack app with robust user authentication mechanisms, catering to a wide range of screen sizes from mobile (300px) to desktop (1920px).

- Implemented secure user authentication and optimized database design, foreseeing a 25% increase in site visits following the adaptation of 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.

PROJECTS

STOCK UP

01/2023 – 03/2023

- Orchestrated a team of 3 developers to create a web and mobile app for AVINYA2K23, engaging 1600+ participants. Engineered an interactive stock trading game, resulting in a 20% boost in participant interaction.
- Transformed the web app into a mobile application using Cordova, achieving a substantial 30% increase in mobile engagement.

STACKOVERFLOW CLONE

09/2022 – 11/2022

- Crafted a StackOverflow-inspired project, showcasing full-stack development skills. added key features, including Authentication, CRUD functionality, and responsive UI for 1500+ users across diverse screens.
- Improved user interaction by adding a 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

Frontend Technologies: HTML5, CSS3, Bootstrap, ReactJS, VueJS

Backend Technologies: NodeJS, ExpressJS, Database: MongoDB, MySQL

Technical Subjects: OOPS, Operating System, DBMS, System Design

Other Technologies: VS Code, GIT, GITHUB, Postman, Heroku, Netlify, Render

ACHIEVEMENTS

- Achieved 1st place in the Pitch the Peculiar Hackathon, showcasing advanced algorithmic proficiency while innovatively addressing requirements for a meaningful cause.
- 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
- Achieved a score of 91.4% in 12th standard and 90.6% in 10th standard, while also successfully clearing JEE Mains without any drops.