RAKESH SONI

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Education

MNIT College, Jaipur	**August 2019 - June 2023**
Bachelor of Technology in Computer Science and Engineering(CGPA of 7.35)	*Jaipur, India*

Experience

Flabs (Pathology Lab Management Healthcare startup)	**June 2023 - Now**
Software Development Engineer Intern	*Work From Home*

- Designed and implemented user-friendly front-end features using ReactJS, CSS, Ant Design, and UIW/React Markdown Editor, achieving 95% compatibility with the Figma mockups and enhancing the UI logic and aesthetics.
- Utilized GitHub, Redux, and React PDF Renderer to develop, maintain, and document the product, ensuring high-quality deliverables and efficient resource management for the pathology lab management healthcare startup.

Decimal Point Analytics	**June 2022 – July 2022**
Software Development Engineer Intern	*Work From Home*

- Implemented a backend API using FastAPI, Python, and MySQL to monitor and optimize the Financial Investment Planning, leveraging the Black-Litterman model and the Bloomberg terminal to select profitable stocks and suggest smart adjustments.
- Engineered multiple API endpoints that performed complex computations on financial data, such as calculating the current and required portfolio value, determining the booster SIP amount, and extending the time frame for achieving the goals.
- Deployed the API on AWS using AWS Lambda function, ensuring scalability, reliability, and security of the system.

Projects

E-commerce Website | *MongoDB, Express, ReactJS and NodeJS* | view demo   4

- Implemented a comprehensive shopping cart system, enabling users to add products, proceed to checkout, and make secure payments via Stripe.
- Incorporated a user authentication system, guiding users to log in before finalizing their purchases and streamlining the shipping information entry process.
- Developed an admin dashboard with capabilities to manage users, orders, products, and create new products.

Portfolio | *HTML, CSS, Javascript* | view demo   4

- An interface which will showcase all the information about my skills, projects, experiences and achievements along with educational background in a nicely organized manner.

Achievements

- Created a web-based showcase of MNIT Jaipur's achievements and facilities using HTML, CSS, and JavaScript, along with a team of three other developers, and won the 2nd runner up prize in a contest evaluated by the professors.

Profile Links

* Codechef
* Codeforces
* Leetcode
* GeeksforGeeks

Technical Skills

Languages: C/C++, Python, JavaScript, SQL
Technologies/Frameworks/Libraries: NodeJS, MySQL, MongoDB, Express, ReactJS, Redux
Operating System: Windows, Linux
Version Control System: Git