SACHIN KUMAR GURJAR

🖂 chandilasachin2001@gmail.com | 🖬 sachin-LinkedIn | 🖸 sachinkumargurjar | 🗓 +91 8963091958

ABOUT ME

Final-year dual degree undergraduate Engineering student at **IIT Kharagpur** (2019-2024), adept at leveraging a diverse skillset and passionate about innovation. Proven track record of delivering robust solutions and optimizing software performance. Excels in tackling complex challenges with analytical precision. Eager to contribute expertise to cutting-edge projects in a professional setting.

INTERNSHIP

Software Developer Intern | Niti AI

Feb' 23 - Aug' 23

- Demonstrated expertise in a modern tech stack, leveraging React.js and Next.js to craft dynamic and responsive UIs
- Empowered team by seamlessly transitioning manual JSON-based workflows to intuitive UI-based configurations
- Facilitated seamless **UI customization** through dynamic components, enhancing user interaction and experience
- Elevated user experience with a revamped UI, seamlessly integrating third-party APIs and optimizing data flow
- Used React Flow for interactive graph UI, visualizing intricate data relationships for enhanced user insight & experience
- Skillfully applied OOPS concepts, Dependency Injection and ensuring a modular, scalable, and maintainable codebase
- Integral role in developing the **fintech** product, showcasing diverse technology, product skills, and innovations expertise.

Frontend Developer Intern | 7DNA

Jan' 23 - Feb'23

- Designed a user-friendly interface for screen-guided exercises with an AI Fitness Instructor, personalized workouts
- Developed an intuitive dashboard displaying users daily fitness goals, points achieved through diverse exercise regimes
- Expertly designed several registration forms on the front end and handled the user input data in the MySQL Database

PROJECTS

Memoir App

- Engineered RESTful APIs using Node.js for intuitive photo management within a memories social media platform
- Created a React.js frontend with Material-UI and Redux, enhancing both user interactions and interface aesthetics
- Implmented secure authentication mechanism using JWT and Google OAuth, enhancing security and user convenience
- Crafted seamless data flow, utilizing MongoDB on cloud ensuring efficient data management and retrieval efficiency
- Enabled self-post editing and deletion features on the client and server sides, effectively enhancing user experience

Tour Booking App \, 🗘

- Developed a RESTful APIs to power an intuitive tour booking web platform using Node.js, Express.js and MongoDB
- Implemented a secure user authentication and authorization system using JWTs to control seamless access to routes
- Uplifted API safeguards with strategic Rate limiting, fortified HTTP headers, and stringent data purification tactics

Product Price Tracker •

- Developed a straightforward product price tracker from different E-commerce websites using Web Scraping in python
- Utilized Requests and BeautifulSoup modules for collecting and meticulously processed data for precise price tracking
- Implemented Smtplib and SSL Modules in python for email notification on the falling prices of selected products
- Implemented Python code with OOPS principles, ensuring robustness, maintainability, modularity, and code reusability

SKILLS & EXPERTISE

Languages : Tools : C, C++, Python, JavaScript, HTML, CSS, SQL Git, React.js, Next.js, Node.js, TypeScript, PostgreSQL

AWARDS and ACHIEVEMENTS

- Demonstrated strong problem-solving skills by achieving peak rating of 2033 on LeetCode and 1534 on Codeforces
- Successfully secured a seat in the top 1 percentage out of around 12 lakhs candidates who appeared in JEE-Advanced 2019

COURSEWORK INFORMATION

 $\label{lem:computer Science: Programming and Data Structures (Theory + Lab) | Algorithms I | Object Oriented Programming \\ \textbf{Mathematics: } Mathematics I | Partial Differential Equations | Transform Calculus \\$

POSITIONS OF RESPONSIBILITY

Advisor | Event Head | Publicity Subhead | Rajasthan Cultural Association IIT Kharagpur

- Oversaw and mentored a 50+ member team, guiding the execution of 5+ events under my expert advisory
- Managed the budget of more than 1.5 lakhs for one of the biggest cultural fest Khamma Ghani of IIT KHARAGPUR
- Designed branding materials, decorated the venue for all events, and increased social media following to 7.5k+.

EXTRA CURRICULAR ACTIVITIES

- Part of the **Silver** winning team of **Kharagpur Premier League** cricket tournament organised by IIT Kharagpur
- Took part in building a 15000 sqft. illumination and Rangoli structure, finishing in fourth place with 100+ student
- Volunteered for National Service Scheme (NSS) programme at IIT Kharagpur for blooming of rural areas