



## Sachin Kumar Gurjar

Software Developer • Frontend Developer • Fullstack Developer

Indian Institute of Technology (IIT) • 2024 Pass out



### Work Experience

#### Frontend Developer @ 7dna Analytica, Remote

Jan 2023 - Feb 2023 (1 month) | Semi-fulltime

- Building an interactive and dynamic healthcare system.
- Designing the user interface of the dashboard.
- User Dashboard Interface

Skills Developed: React.js, CSS, HTML

#### Software Development Internship @ Niti AI, Remote

Feb 2023 - Aug 2023 (5.5 months) | Semi-fulltime

- Company Is working on a fintech idea.
- Developed a multilingual web application with dynamic content flow using language and theme selection options in the frontend and JSON-based backend architecture. Participated in code reviews, identifying areas for improvement and suggesting solutions to enhance performance, security, and maintainability of the application.
- Demonstrated expertise in a modern tech stack, leveraging React.js and Next.js to craft dynamic, 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 • Enabled UI/UX improvements, providing valuable insights and innovative suggestions across product segments

Skills Developed: React.js, NextJs, JSON, Golang, PostgreSQL

### Tagline

Software Development Engineer

### Skills

C/C++ | HTML | Python | CSS | Javascript | React.js | NodeJs | ExpressJs | SQL | MongoDB

### Education

Indian Institute of Technology (IIT), Kharagpur  
M.S., Geology and Geophysics | 7.47 CGPA  
2019 - 2024

### Certifications & Courses

#### Web Development

- Finished the web development masterclass course on udemy platform with excellent learning experience

May 2022

### Projects

#### Amazon And Flipkart Product Price Tracker | Python



- Developed a product price tracker application from Amazon and Flipkart websites using Web Scraping in python
- I have previously worked on a similar project of email sending using voice command. So I got a idea to build a project on price dropping of various products of Amazon and Flipkart. I have searched about different needs of projects on internet or some other platforms and started working on it. As I got some problem than I have rectified and made this project.

- Used Requests and BeautifulSoup module for collecting data and processed data further for price tracking
- Used Smtplib and SSL Module in python for email notification on falling of the price of selected product

Skills Developed: Python, Analytical Thinking, Problem Solving

### Virtual Desktop Assistant | Python



- Created python-based voice-activated assistant that allows user to interact and complies with their commands
- Got Idea from Amazon Alexa
- Made use of Pytsx3 and SpeechRecognition modules to deploy text-to-speech and speech-to-text features
- Generated structured email sending feature using Smtplib and email.message with Transfer Layer Security
- Utilized PyDictionary and WordNet modules to get meanings, translations, synonyms, and antonyms of words

Skills Developed: Python, Analytical Thinking, Problem Solving

### 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
- Implemented 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

Skills Developed: HTML, CSS, Javascript, React.js, API, NodeJs, ExpressJs, Redux

### Travel Booking System



- Developed a RESTful API to power an intuitive tour booking web platform using Node.js, Express, and MongoDB
- Implemented a 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 tactic
- Developed the APIs of user authentication and authorization by JWT. User can book a tour and get the reviews of the tours.

Skills Developed: NodeJs, ExpressJs, MongoDB

## Position of Responsibility

### Event Head | Rajasthan Cultural Association IIT Kharagpur

- Successfully planned and carried out a series of cultural activities in which over a thousand students participated
- Designed branding materials, decorated the venue for all events, and increased social media following to 7.5k+

- In-charged of managing 5+ events and entrusted with the responsibility of leading a team of 50+ members
- Implemented an effective study program of Mathematics and Science for village students during the pandemic
- Managed the budget of more than 1.5 lakhs for one of the biggest cultural fest KHAMMA GHANI of IIT KHARAGPUR

### Achievements/ Extracurricular Activities

- Demonstrated strong problem-solving skills by achieving peak rating of 2033 on LeetCode and 1534 on Codeforces
- Secured All India Rank in top 1% in IIT JEE-Advanced, 2019 examination out of 2,50,000 candidates appeared