Reekraj Roy

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LeetCode: leetcode.com/royreekraj/
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EDUCATION

Sikkim Manipal Institute of Technology — Majhitar, Sikkim
B.Tech - Computer Science Engineering CGPA: 9.70/10 — *July, 2019 - July, 2023*

Delhi Public School Megacity, Kolkata — Kolkata, WB
Secondary and Higher Secondary Education ISC: 92.50% ICSE: 96.40 % — *April, 2009 - March, 2019*

EXPERIENCE

UNext Learning — Bengaluru
Software Engineer — *Aug, 2023 - Present*
- Performed poc on different ms-graph apis, wrote logic for fetching post-session meeting artifacts, updated existing model to store meeting recordings and chat history-as part of ms teams integration to existing system.
- Worked on learner insights module to fetch data of a specific student from 10k records by a single API call. Optimized code to reduce multiple api calls.
- Wrote queries and separate apis to fetch time spent data at an element and class-average level, respectively.
- Implemented Lumen-ai to generate ai summary for video content. Leveraged apis exposed by Kaltura to generate video transcripts and generate ai summary. Optimized api call by 0.3 seconds.

UNext Learning — Bengaluru
Software Engineering Intern — *Jan, 2023 - July, 2023*
- Implemented front-end functionality for Survey module. Wrote apis, Swagger documentation, and performed automation testing using PlayWright.
- Fetching of chat history in Quiz module and using Xlsx service to facilitate downloading in an Excel Workbook.

AasPass - Global to Local — Remote
Web Development Intern — *June, 2021 - Sep, 2021*
- Worked with HTML, CSS, JavaScript, React.js, and Tailblocks to refactor the existing code, and make UI fixes.

Lucid Education Group — Remote
Software Engineering Intern — *Jan, 2021 - April, 2021*
- Fixed open issues in the existing site, made frontend tweaks using HTML, CSS, JavaScript, and bootstrap.

TECHNICAL SKILLS

- **Languages:** C++, JavaScript
- **Web Technologies:** MongoDB, Express, Angular, Node, React
- **Tools:** Postman, Git, PlayWright (for automation testing)
- **Platforms:** Windows, Ubuntu, macOS

PROJECTS

- **Sketchbook (Next.js, Canvas api, websockets)|GitHub| Live Link**
  - An online sketchbook like Excalidraw with functionality to draw using different colors, brush sizes, erase, undo/redo, download in .jpg, and collaborate in real-time using socket.io
  - Made using Next.js, backend service on Node.js, canvas-api for leveraging drawing functionality.

- **SMIT's Nest (Reactjs, graph CMS) | Project under Prof (SG) Minakshi Roy, SMIT|GitHub| Live Link**
  - Blogging web application for students of SMIT built on React.js with CRUD functionality.
  - GraphCMS posts content, adds users, and moderates comments.
  - Chatting application integrated using Chat Engine that allows admin to create multiple chat rooms, add participants, share images, and files, and receive sound notifications.

- **IP address tracker (React.js, Leaflet.js, mapboxapi)|GitHub| Live Link**
  - Fetches location, time zone, and ISP of a given IP.
  - IP Geolocation API by IPify was used to retrieve the IP Address location.

ACHIEVEMENTS

- Mentee at Amazon Machine Learning Summer School, 2022.
- Solved 500+ questions on DSA across different platforms.
- Scored 100% in Computer Science (ICSE).
- Completed HaktoberFest 2020.