Roshan Rai

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BE IT, Undergraduate

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Always keen to know the deep understanding behind a working piece of code/tech so as to leverage the knowledge and provide optimizations and also to have a calculative assessment well before actually implementing the code.
Want to adapt to the latest tech stacks being introduced and develop on them further by keeping my foundations computer fundamentals strong.

Skills

Languages	C++, Git, Ruby, HTML5, CSS3, Javascript
Frameworks/Library	Node.js, ReactJS, Express.js, Ruby on Rails, Mongoose, git
Cloud Environments	Heroku
Databases/Stores	MySQL, mongoDB, PostgreSQL

Technical Experience

SDE Intern   June 2021 — August 2021
Microsoft   *Hyderbad, Telangana*

- Worked in the GitHub Education vertical of Microsoft
- Developed project github live competition - a github initiative where various organizations can host various competitions and also host their product and services to the students.
- Developed the system from scratch with the help of mentors.
- Tech Stack: Ruby On Rails, UI with erb Templating engine, PostgreSQL

Projects

Aadhar Anumati
- An App built during Aadhar Hackathon 2021 for easing out the process of address update when someone living in a rented space and do not have any proof of current address
- Features: Authorization, Aadhar Details Updation
- Tech Stack: React Native, JavaScript.
- Github Project Link : https://github.com/rai-roshan/Aadhar-Hackathon-Anumati

MARS ROVER

- Live :https://rai-roshan.github.io/hello-mars-/
- A web application to visualize, understand the functioning of different path finding algorithm and to use React JS best practices and concept to make optimized UI render.
- Features: set start and end points, make obstacles, find path, remove path, remove obstacles
- Tech Stack: React JS, CSS, JavaScript.
- Github Project Link : https://github.com/rai-roshan/hello-mars-

Sorting Visualizer

- Live : https://react-sorting-visualizer.herokuapp.com/.
- A web application to visualize, understand the functioning of different sorting algorithm and to use React JS best practices and concept to make optimized UI render
- : Feature: Set array size, animate each operation, set animation speed.
- Tech Stack: React JS, CSS, JavaScript.
- Github Project Link : https://github.com/rai-roshan/react-sorting-visualizer

Education

- B.E Information Technology, *Army Institute Of Technology, Pune (2018 - 2022) - CGPA (8.50/10.00)*

- *12th, PCM with CS, Army Public School, SP Marg Lucknow - 92.4 percent*

AWARDS AND ACHIEVEMENTS

- FREE YOUR DATA 2021 Hackathon Winner

- Smart India Hackathon , Hardware Edition Winner

- Joint Secreatory , Cultural Board