

# DEEPAK PRASAD

B.Tech. – Computer Science and Engineering – IIIT, Ranchi

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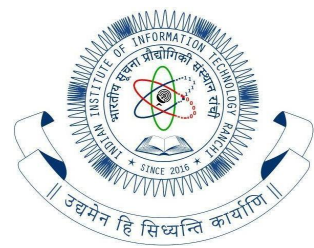
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[github.com/TheClearSky](https://github.com/TheClearSky)

[clearskyhere.web.app](https://clearskyhere.web.app)



## EDUCATION

B.Tech. in Computer Science and Engineering

**Indian Institute of Information Technology, Ranchi**

October 2020 – Present

- CGPA: 8.78

Senior Secondary Education

**DAV Public School, Bistupur, Jamshedpur**

July 2018 – June 2020

- Percentage: 92.2%

Secondary Education

**Atomic Energy Central School, Turamdih, Jamshedpur**

April 2008 – May 2018

- Percentage: 87.4%

## EXPERIENCE

Software Developer(Frontend) |

Upride Network Private Limited

June 2023 – present

- Working as a React Developer with Firebase on the Backend
- Built a mobility solution website according to Figma designs
- Improved Home page load times by 3x by lazy mounting components
- Ported Features from Android app
- Improved network calls by using redux state management and caching the results

## PROJECTS

**My portfolio website- MERN**

- Created a full 3d web experience with MERN stack and latest WebGL and WebGPU libraries
- Fully feature complete with websocket integration and user authentication
- Features a chess game which is fully real time multiplayer, with end to end interactivity
- <https://github.com/TheClearSky/my-portfolio-website>

**Jeevan Rakshak – React Firebase**

- Created within a limited time frame during a hackathon and placed 4th out of 60+ teams participating
- Completely serverless, with Firebase Firestore and Realtime database being used for CRUD operations
- Firebase user authentication with latest security protocols
- <https://github.com/TheClearSky/Jeevan-Rakshak>

**A\* Algorithm Vizualization – React Firebase**

- An educational tool developed with awesome HTML canvas graphics using React and Konva JS
- Generates a graph, and runs A\* algorithm on it live on web, with full animations of each and every operation
- Demonstrates the power of web in 2d graphics and education specifically
- Can greatly enhance the experience of new learners for this algorithm
- <https://github.com/TheClearSky/a-star-algorithm-vizualization>

## TECHNICAL SKILLS

- Development Skills :** HTML, CSS, Javascript, React, React Router, Redux and Redux Toolkit, Vite, Babylon JS, Konva JS, Node JS, Express, MongoDB, Mongoose, C++, Python
- Deployment Skills :** Firebase (Hosting, Authentication, Firestore, Realtime Database), Render
- Creative Design Skills :** Blender, Figma, Adobe Photoshop

## SOFT SKILLS

- Language:** English, Hindi
- 3D Animation**

## ACHIEVEMENTS

- Got selected in Smart India Hackathon 2022 from IIIT, Ranchi, Topic: Creation of a Single Source Platform for vessel registration and seafarers license.
- Worked as a website contributor for International Conference On Global Mental Health And Public Health Challenges & Innovation 2022, which is a global event with speakers across the globe. [Link](#)
- Achieved 3 stars on codechef which is an online competitive coding platform, primary language used is C++. [Profile](#)