Rwishav Ghosh

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Education

Sikkim Manipal Institute Of Technology   July 2019 – May 2023
B. Tech in Computer Science and Engineering (CGPA: **9.43**/10)

Work Experience

Intern (Advisory)   **PwC India**   Dec 2021 – Feb 2022
• Management intern in the **Financial Sector Stability Programme (FSSP)**.
• Wrote a proposal for implementing a distributed system of e-governance using blockchain technology and presented statistics and an academic survey to demonstrate feasibility for the same.
• Prepared a preliminary implementation roadmap and projected cost estimates.

Web Developer   **The Chakras Farm**   June 2021 – Nov 2021
• **Developed**, **tested,** and **maintained** a web-app to monitor and control organic farms using IOT devices.
• Redesigned the **UI/UX** for the company. Company saw a **revenue growth of 40%** during the summer of 2021.
• Tech Stack: **ReactJS, AWS, ThinkSpeak, REST API, Postman, Figma**

Projects

[Link]   [Source]   **DoubtHUB**   February 2022

• An interactive question and answer web-app for students and faculty with user authentication.
• Allows users to post questions, answer them or discuss solutions. Features a one-on-one encrypted chat service.
• Tech Stack: **ReactJS, NodeJS, Express, MongoDB, PassportJS**

[Link]   [Source]   **Ours**   September 2021
• A music player built using ReactJS to stream live music from an API.
• Includes all basic features like pause, play and seek (forward, previous). Works equally well on mobile devices.
• Tech Stack: **ReactJS, MaterialUI, JavaScript, Firebase**

[Link]   [Source]   **Forward**   July 2021
• Built an app to resolve a personal need for an app to track daily study time.
• Stores data on **Firestore** and generates **graphic visualizations** for change in study hours vs time.
• Tech Stack: **JavaScript, HTML5, CSS, Firebase, Chart.js**

[Link]   [Source]   **Covid19 Statistics**   April 2021
• A web app built to keep people updated about the current covid situation.
• Generates visuals on a map using react-leaflet and generates graphs using chart.js.
• Tech Stack: **ReactJS, JavaScript, NodeJS**

Technical Skills

• **Frameworks and Libraries** – ReactJS, NextJS, Express
• **Coding Languages** - C++, JavaScript, Python, Java
• **Tools** - VSCode, Git, Github, Figma, Postman
• **Databases and Web Services** - MongoDB, MySQL, Firebase, AWS
• **Miscellaneous** – Linux, Bash Shell, Heroku
• **Dependencies -** PassportJS, BCrypt, Nanoid, Axios

Volunteering

Core Team Lead   **DCoderS**   May 2021 – April 2022

• Led my universities first coding club with the objective of increasing collaboration among developers at our university.
• Solved DSA questions on online platforms with 150+ juniors. Discussed new concepts and approaches.
• Organized SMIT's first Hackathon. Conducted workshops to introduce students to **Open-Source** Software development.