Aryan Kumar

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EXPERIENCE

Revirt.Space — Aug 2022 – Present
Software Developer Intern — *Remote*
- Implemented the feature of synchronous calls between multiple users (audio and video) using **100ms live SDK** & **websockets**
- Developed the complete preview page featuring Camera, Microphone, and Speaker settings.
- Handled **1000+ simultaneous users** in a single room using load balancers to scale horizontally, improving platform stability and performance by **24%**.
- Implemented a full **team chat** feature on the revirt platform using **GetStreamIO** which helped in quick messaging between teams, resulting in a **1.25** times increase in team communication efficiency.
- Developed a **Progressive Web Application (PWA)** using the existing react web-app, enabling platform accessibility on mobile and tablet devices as a standalone application & increasing mobile traffic by **31%**.
- Developed and integrated a **Slack app** for the platform, enabling users to efficiently generate and share meeting room URLs via Slack **slash commands**, resulting in a **50%** reduction in meeting setup time.
- Collaborated on a team of 12 members using **Git** as the version control & **Bitbucket** as the remote git respository manager.

TGH Technologies | Certificate — Jul 2022 – Aug 2022
Web Developer Intern — *Remote*
- Collaborated with a team of 6 members to develop a project for a construction company client.
- Utilized **React** for frontend development and **Material UI** as the component library for the project.
- Implemented a complete **admin panel** from scratch for a social site for an NGO (The Social Town), incorporating **Recharts JS** for chart rendering on the dashboard.

Agumentik Consultancy Private Limited — Apr 2022 – May 2022
Web Developer Intern — *Remote*
- Used **Static Site Generation** (SSG) to generate static pages on the server which reduced site loading speed from **1421ms to 653ms** and **improved overall SEO** of the web page.
- Used **CSS Grids**, **Flexbox** using **TailwindCSS** to create image gallery, carousels and horizontal scrolling sections.

EDUCATION

Heritage Institute Of Technology — July. 2019 – June. 2023
B. Tech in Information Technology Engineering — *Kolkata, West Bengal*
- Current CGPA: **8.7**

PROJECTS

Codecamper Rest API | *Node JS (Express), MongoDB (Mongoose), Postman, AWS* | Github | Live Preview
- Designed and implemented RESTful APIs using **Node JS (Express)** & **MongoDB (Mongoose)** to enable users to create and search for bootcamps based on criteria such as **ratings, reviews, pricing, and location.**
- Built 32 Rest API endpoints with **CRUD functionalities** & integrated **user authentication** using **JSON Web Token.**
- Implemented the feature to search for bootcamps by distance from a location using **MapQuest API** & **Node Geocoder.**
- Added the complete documentation page and details about each API endpoint using **Docgen.**
- Deployed the project on an **EC2** micro instance using **Amazon Web Services (AWS)**.

Crypto Galaxy | *React JS, Ant Design, React Router DOM, Rapid API* | Github | Live Preview
- Developed a web application using **React JS & Ant Design** to display the latest data and news for top cryptocurrencies.
- Enabled users to view top news and data for each cryptocurrency in using data fetched from **Rapid API.**
- Integrated real-time charting for each cryptocurrency using **React chart.js** with selectable time intervals.

TECHNICAL SKILLS

Languages: Javascript, C++, Java (Basic)
CS Knowledge: Data Structures & Algorithms, Linux (Basic)
Frameworks / Libraries: NextJS, React, Redux-Toolkit, WebSocket, Express.js, Mongoose, Node.js, MongoDB, TailwindCSS
Developer Tools: Git, Github, AWS, Netlify, Vercel, VS Code, IntelliJ, Postman

PROFILES

- **Leetcode (780+ Problems | Rating: 1856)**
- **GeeksForGeeks (180+ Problems)**
- **Codeforces (500+ Problems | Specialist: 1445)**

ACHIEVEMENTS

- **HackWithInfy'22** Finalist (**Top 100 among 280k+ participants**). Attended 40+ hours **Hackathon Grand Finale** organized by Infosys at Pune Campus.
- Rank **1518 out of 10k+** participants in **Google Kickstart Round F 2021**
- Rank **1032 out of 21k+** participants in **Leetcode Weekly Contest 319**
- Rank **1387 out of 8500+** participants in **Leetcode Biweekly Contest 66**
- Rank **88 out of 4.9k+** participants in **CodeChef February Starters 2021**
- Rank 414 out of 29k+ participants in **CodeChef April Long Challege 2021**
- Rank **2284 out of 15k+** participants in **Google Hashcode 2021**

CERTIFICATIONS

- The Complete 2021 Web Developer Bootcamp. **Certificate**