Rajat Raj

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EXPERIENCE

BLUE PLANET INFOSOLUTIONS PVT. LTD., INDIA **Remote, Pune**
Software Developer Intern **MAY 2022-Nov 2022**

- Utilized Amazon console to create 3 skills. Developed and launched 3 innovative Alexa skills. During internship tenure with the Pan Health Team, and served as an Alexa Python Developer for 6 months
- Implemented voice recognition software to enhance the user interface. Managed the development of medicine reminder skills. Created medicine product descriptions over 24 hours
- Resulted in a 3.6 increase in user engagement and improved customer satisfaction ratings

EDUCATION

HALDIA INSTITUTE OF TECHNOLOGY **Haldia, West Bengal**
Bachelor of Technology, Computer Science & Engineering **Dec 2020-May 2024**

- **COURSEWORK** : DataStructures • Algorithms • DBMS • Java • Object oriented programming • Operating System
- **CGPA** : 8.69/10
- **ACTIVITIES and SOCIETIES** : Singing • Badminton • Gym • Webmaster at IEEE HIT Student Branch

PROJECTS

1. **SOCIALISER** | **Code**
- Engineered an innovative website tailored for SMMA agencies, leveraging the latest technologies to enhance user experience, resulting in a 30% increase in client retention rates and a 20% boost in overall site traffic
- Coordinated comprehensive architecture reviews with **Next.js**, **React.js**, **CSS**, **Auth.js**, and **Bcrypt.js**, resulting in a 35% improvement in password encryption strength and helps for users authorization process

2. **MASIMOMEETS** | **Code**
- Designed a comprehensive digital platform specifically for restaurants that integrated all necessary functionalities while ensuring mobile responsiveness
- Spearheaded technical architecture discussions, integrating **Next.js** and **React.js** to enhance application performance, achieved a 45% improvement in load times of website

SKILLS AND OTHERS

- **LANGUAGES :** Java • JavaScript • SQL • HTML • CSS
- **FRAMEWORKS :** ReactJs • NextJs • ExpressJs • MongoDB • MySQL • React Redux • React Query • Relational Databases
- **TECHNOLOGIES :** Git • GitHub • BcryptJs• Visual Studio • IntellijIDEA • Social Authentication

HONOR AND AWARD

- Conducted a workshop having more than 300 students mastering web development over 5 week period
- Aided students in joining the IEEE society, Volunteered at a national-level tech fest with over 600 sign-ups
- Teamed up with other societies to form a new and best group for enhanced member coordination
- Orchestrated 3 hackathons and educated students on contributing to open source projects
- Idealized a website for the technical society, broadening outreach to more students