

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 my tenure with the Pan Health Team, I 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

Bachelors of Technology, Computer Science & Engineering

Dec 2020-May 2024

- **COURSEWORK** : DataStructures • Algorithms • DBMS • Java • Object oriented programming • Operating System
- **GPA** : 8.8/10
- **ACTIVITIES and SOCIETIES** : Singing • Badminton • Gym • Webmaster at IEEE HIT Student Branch

PROJECTS

1. SOCIALISER

- 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

- Conceptualized and launched a cutting-edge website for restaurant website design that adheres to modern standards, encompassing all essential sections required for a restaurant site
- Facilitated technical architecture discussions using **Next.js**, **React.js**, **Tailwind CSS**, enhancing user experience compatible with all devices, to ensure that it loads faster on any devices

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