Richa Kiran

9868632287 | richa21kiran@gmail.com | Delhi, India

Education

Vellore Institute of Technology, Vellore | Vellore, Tamil Nadu
B.Tech in Computer Science and Technology | 08/2024

- Graduated summa cum laude—3.63 GPA(9.07CGPA)
- Done courses - Problem solving and Programming, Data Structures and Algorithms, Database Management System, Network and Communication, Operating Systems, Computer Architecture, Information Security, Cloud Computing(AWS EC2), Java, Advanced C, Cryptocurrency Technologies.
- Served as Projects head for the club Innovator's Quest, VIT 2022 to 2023 academic year.
- Selected for Samsung PRISM research program, working on energy usage analysis of Samsung Smart Plugs under SRI Bangalore mentorship.

Queen's Convent School, Rohini | Rohini, Delhi
Higher Secondary(XII) | 03/2020
Completed XII grade with 94.2% from CBSE Board.

Cambridge School Noida | Noida, India
Secondary Education | 03/2018
Acheived 92.4% in CBSE Board Exams in Class X

Experience

bp | Pune, India
Full Stack Developer | 07/2024 - Present
Worked on a project management system for BP's oil and gas plants, developing back-end services using C# and enhancing front-end features with ReactJS and TypeScript. Gained strong exposure to Azure DevOps, managing CI/CD pipelines and deployments. Collaborated with multiple BP teams to successfully integrate external APIs, improving overall system functionality and performance.

Impact QA | Noida, India
Front End Development Intern | 05/2023 - 06/2023
I worked on Project Falcon, a software testing tool made for both technical and non-technical users. Created the front end of the web app in ReactJS and integrated it with the backend using APIs.

Samsung Research Institute | remote
Research and Development Intern | 04/2023 - 06/2023
Participated in the Samsung PRISM student research program on energy consumption of electrical appliances, under the mentorship of SRI Bangalore researchers and university faculty.

Projects

- Blogging Website in MERN Stack
- BrewNotes - a Smart Contract(Ethereum blockchain) based crowdfunding-messaging web app
- Weather App in ReactJS using Geolocation API and Unsplash API
- Android Chatting App(Firebase backend),
- Innovator's Quest Club Portfolio IOS App.

Skills

Android Development, iOS Development, HTML CSS Javascript, Typescript, React.js, AWS EC2, Azure DevOps, C#, Front-End Development, Backend development, Blockchain Development

Certificates

Microsoft Security, Compliance and Identity(SC-900), Microsoft Azure Fundamentals(AZ-900)

Publications

- A study(review paper) on sentiment analysis of social media comments using Machine Learning Models(in process of publication).

Languages

English, Hindi, Spanish

Socials

- [LinkedIn](#)
- [GitHub](#)
- [Portfolio](#)
- [Dev Blog - Data Structures & Algorithms](#)
- HackerRank - @richa21kiran