

# VRATANT SINGH

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## EDUCATION

**B.Tech, Computer Science, 7.6/10**

Expected 2024

Dr. A.P.J. Abdul Kalam Technical University

**Intermediate, CBSE, 86%**

2018-2020

Nemi Chand Educational Academy

## TECHNICAL PROFICIENCY

Languages	C++, Python, Javascript
Front-end	ReactJS, NextJS, HTML, CSS, Bootstrap, Material UI, Radix UI, SASS, TailwindCSS, Redux
Backend	NodeJS, ExpressJS, Mongoose, MongoDB, Postgres, DynamoDB
Cloud Services	Kinesis,EBS,EC2,Amplify,CI/CD,Lambda,SNS,S3,Cloudwatch,Route53,LoadBalancer,ACM

## EXPERIENCE

**Lohum Cleantech** | Software development Intern

Feb 2024- Present

- Authored over 15 APIs and contributed to 60% of the frontend development for the [Volfleet](#) project, including the creation of a comprehensive admin portal to enhance project management and operational efficiency.
- Developed 20+ AWS Lambda functions to support the project's backend operations.
- Created a conference summarizer application to generate transcripts and summaries of videos using Python, improving content accessibility and reducing manual summarization time by 70%.
- Designed and implemented a CRM dashboard used by 100 users, enabling data upload and bulk operations via Excel, and managed API integrations handling over 100 daily API calls.
- Oversaw the Extended Producer Responsibility (EPR) portal on Lohum's website, taking 100% responsibility for hosting and maintenance.
- Resolved over 3 major plugin-related issues on the company's WordPress site.

**Clinqo** | Front-end developement Intern | [Certificate](#)

Dec 2022- Mar 2023

- Enhanced website code with over 20 reusable components, boosting maintainability and development efficiency
- Proficiently integrated 15+ external APIs using Axios to fetch real-time data, enhancing the user interface and elevating website functionality and user experience

**Computer Society of India-AKGEC** | Senior Frontend Developer

Dec 2022- May 2024

- Collaborated with backend engineers and designers for cohesive group projects.Hosted a workshop of around 200+ students on React JS, promoting knowledge sharing and skill enhancement within the college.

## PROJECTS

**Crypto-Tracker** | [Link](#)

- Developed a responsive website using React.js, Material UI, and Chart.js to display real-time cryptocurrency values graphically with a visually appealing UI.
- The website utilizes React.js, Material UI, and Chart.js to visually represent data graphically in an impressive, mobile-friendly interface.

**Exam Portal** | [Link](#)

- Created a comprehensive web-based exam portal using ReactJS, Material UI, and Rest API. Implemented user authentication, test creation, grading, and reporting for a seamless user and admin experience.
- Emphasized user experience by enabling efficient navigation between admin and user sections. Admin credentials (Student No: 2100000, Password: Csi@2100000).

## ACHIEVEMENTS

- Collaborated with Carikture to develop a website for Shri Ram Builders in Ghaziabad, enhancing client engagement by 30% through the integration of video calling functionality. Utilized React.JS and seamlessly integrated the Jitsi API for secure, seamless video communication among clients and stakeholders. | [Link](#)
- 2nd Runner up at Hackathon 7.0, UPES Dehradun | [Link](#)