

Anand Kishore

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Experience

LabVantage Solutions, Inc

Associate Software Engineer

Kolkata, India

Sep 2023 – Present

- Designed and implemented responsive UI components using **ReactJS**, **Redux**, and **JavaScript** for **laboratory information management system modules**, increasing user satisfaction by **30%**.
- Collaborated cross-functionally with the **DevOps team** to build 3 scalable internal platforms with **React**, **Python**, and **RESTful APIs**, improving workflows for **20+ users** and cutting operational costs by **40%**.
- Integrated real-time **notification services** including **email**, **push alerts**, and **in-app messages**, boosting communication efficiency and engagement.
- Automated the **installation process**, reducing setup time from **10 to 12 hours** to under **10 minutes**, improving **client onboarding**.
- Resolved 35+ production issues and delivered 10+ feature enhancements using **Java**, **JSP**, and **JavaScript**, improving system functionality and stability across key product modules by 20%.

LabVantage Solutions, Inc

Associate Solution Engineer Intern

Kolkata, India

Jan 2023 – Jul 2023

- Acquired proficiency in **Java**, **SQL**, and **JavaScript** via intensive backend training; contributed over **500+ lines of production-level code** in enterprise **LIMS modules**.
- Integrated 10+ **RESTful APIs** with front-end views, enhancing application responsiveness and interactivity.
- Customized **HTML reports** and product **labels** to deliver data insights and meet client-specific requirements.
- Diagnosed and resolved **30+ configuration** and **functional** issues, optimizing system usability and reducing support escalations by 35%.

Projects

VChat App – AI-Powered Real-Time Chat Application

[Live Demo]

Tech Stack: *ReactJS, Node.js, Express.js, MongoDB, Socket.IO, AI*

- Built a **MERN** stack chat app with **real-time** messaging, group chat, typing indicators, and presence updates.
- Integrated **AI features** including smart replies, emotion detection, translation, and automatic summarization for enhanced user interaction.
- Implemented **WebRTC-based** audio/video calling with media toggles and real-time AI moderation for safe, interactive communication.

Algorithm Visualizer – Interactive Sorting Algorithm Learning Tool

[Live Demo]

Tech Stack: *ReactJS, Redux, TypeScript, TailwindCSS*

- Created a responsive algorithm visualizer using **React** and **TypeScript**, demonstrating Selection, Insertion, Bubble, Merge, Heap and Quick Sort, aiding learning for 100+ users.
- Leveraged **Redux** and type-safe component architecture to ensure robust state management and scalable code structure.

Technical Skills

Languages: Java, JavaScript (ES6+), TypeScript, Python, C, C++, HTML, CSS, SQL

Web & Frameworks: React.js, Redux, Node.js, Express.js, TailwindCSS, Mongoose, Socket.IO, Hibernate ORM

Cloud & DevOps: AWS (EC2, Lambda S3), Git, GitHub, Postman, Webpack, CI/CD pipelines, Jenkins

Databases: MongoDB, MySQL, Oracle, PostgreSQL

Tools & Platforms: VS Code, IntelliJ IDEA, JIRA, Confluence, Windows, Linux

Core Concepts: Data Structures & Algorithms, OOP, SDLC, System Design, Microservices, Agile/Scrum

Certifications & Achievements

- Solved **350+** Data Structures and Algorithm problems on LeetCode, GFG, HackerRank, and PepCoding.
- Achieved a **5-Star** rating in **Java** on HackerRank, demonstrating strong programming and algorithmic skills.

Education

Haldia Institute of Technology, Haldia

Bachelor of Technology in Computer Science Engineering

CGPA: 9.23 / 10

West Bengal, India

Aug 2019 – Aug 2023