

# ABHISHEK NALLAM

Kakinada, Andhra Pradesh

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 [ABHISHEK NALLAM PORTFOLIO](#)

## TECHNICAL SKILLS AND INTERESTS

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- **Frontend & Backend:** HTML, CSS, JavaScript, GSAP, ReactJS & NodeJS, ExpressJS.
- **Database:** MongoDB (No SQL), SQL.
- **Programming Languages:** C, Python, C++, Java.
- **Areas of Interest:** React Native (App Development), GCP, Data Structures and Algorithms, Competitive Coding.

## PROJECTS

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### Student Statistics | Java, SQL

Nov 2023

- Integrated JDBC, improving database efficiency and enabling seamless management of 1,000+ student records.
- Applied OOP principles, enhancing code scalability and reducing maintenance efforts by 30%.
- Optimized SQL operations (insert, update, query), boosting data retrieval speed by 40%.
- Developed a user-friendly interface, increasing data input efficiency and reducing entry errors by 25%.

### Veda 2024 | Node.js, MongoDB, Payment Gateway

Aug 2024

- Spearheaded the development of a scalable event management platform that facilitated **8,000+** registrations, streamlining the participant onboarding process.
- Generated over **5,00,000 in revenue** through seamless ticket sales and sponsorship integrations.
- Implemented and fortified a multi-method payment gateway supporting multiple transaction methods, ensuring **99.9% successful transactions**.
- Streamlined backend processes for optimal efficiency with **Node.js and MongoDB**, improving transaction efficiency by **40%**.
- Enhanced user engagement with real-time event updates, personalized dashboards, and automated confirmation emails.

### Quiz Application Development | React.js, Firebase

Sep 2024 - Oct 2024

- Designed and Engineered a feature-rich quiz application using **React.js and Firebase**, attracting over **5,000+ active users**.
- Implemented an intuitive UI with customizable quiz formats, including multiple-choice, true/false, and time-bound questions, supporting **10,000+ quizzes**.
- Integrated real-time scoring and leaderboards, improving user engagement by **40%**.
- Created a performance analytics system, tracking user progress with **98% accuracy in scoring**.

### Infrastructure Tracker | React.js, MongoDB

May 2024 - Jun 2024

- Architected an interactive React.js web platform for **infrastructure tracking**, efficiently handling **10,000+ equipment records**.
- Crafted Real-World and insightful data visualizations, displaying **real-time equipment counts** across **50+ locations** in pictorial and numerical formats.
- Utilized **React.js** for a responsive UI and **MongoDB aggregations**, improving backend data retrieval efficiency by **35%**.
- Collaborated with a **5-member team** to enhance performance, scalability, and reducing API response time by **40%**.

## ACHIEVEMENTS

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- Successfully tackled **250+ coding problems** on the **LeetCode** platform, showcasing strong Troubleshooting skills in **data structures and algorithms**.
- Achieved a **2-star rating** on **CodeChef**, demonstrating proficiency in solving algorithmic challenges and strong coding skills.
- Earned **5-star badges** in **Java, Python, and C**, showcasing advanced proficiency across multiple programming languages.

## INTERNSHIPS

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### Technical Hub

Aug 2024 – Dec 2024

*Java Intern*

*Surampalem, East-Godavari, Andhra Pradesh, India*

- Contributed as a **Java Intern** by assisting **300+ students** in understanding **core Java concepts**.
- Engineered and deployed **2+ industry-grade solutions** in Java, focusing on **OOP principles, data structures, and backend integration**.
- Enhanced Java-based applications, reducing runtime complexity by **30%**.

### Technical Hub

Sep 2024 – Dec 2024

*C Intern*

*Surampalem, East-Godavari, Andhra Pradesh, India*

- Clarified student doubts on **100+ C programming topics**, including **arrays, pointers, and memory management**.
- Constructed **10+ mini-projects** in C, focusing on structured programming principles and efficiency.

### Technical Hub

Jun 2024 – Ongoing

*Full Stack Trainee*

*Surampalem, East-Godavari, Andhra Pradesh, India*

- Participated in a **6-month** intensive training program focused on **Full Stack Development**, covering **10+ modern web technologies**.
- Built **3+ full-stack applications** using **HTML, CSS, JavaScript, React.js, Node.js, and MongoDB**.

## CERTIFICATIONS

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- **PEARSON IT Specialist** - HTML & CSS IT Specialist, JAVA IT Specialist, PYTHON IT Specialist.
- **CISCO** - C, C++, CCNA, JavaScript.
- **REDHAT** - PYTHON.
- **SUMMER INTERNSHIP** - Jr. Developer Certificate - Technical Hub.
- **BEST PROJECT** - BEST WEBSITE of Year (2024) - Aditya College of Engineering and Technology.

## EDUCATION

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### Aditya College of Engineering

2022 – 2026

*B.Tech in Computer Science and Engineering - **Current CGPA - 7.5***

*Surampalem, India*

### Aditya Jr. College

2020 – 2022

*Board of Intermediate Education, State - **Percentage - 69.00%***

*Kakinada, India*

### St. Joseph's High School

2018 – 2020

*Board of Secondary Education, State - **CGPA - 9.5***

*Hyderabad, India*