

# Ajay Tagilepally

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## EDUCATION

### JB Institute of Engineering and Technology

Bachelor of Technology in Electrical and Electronics Engineerings

Hyderabad

June. 2019 – Aug. 2022

## EXPERIENCE

### FrontEnd Developer

June 2022 – Aug 2023

CloudPlinth Technologies

Hyderabad, India

- Designed and implemented a real-time alerts web application for industrial sensor deviations, leveraging modern web technologies.
- Leveraged Siemens Insights Hub API to aggregate real-time sensor data, reducing system downtime by 40%.
- Built backend microservices using Node.js and Express; implemented REST APIs and robust data handling.
- Collaborated in an Agile development team with daily standups, sprint planning, pair programming, and code reviews.
- Used PostgreSQL and optimized SQL queries for alert tracking and user management.
- Developed CI pipelines for internal testing using GitHub Actions.
- Developed an advanced Python script for real-time monitoring, improving issue response time by 45%.
- Introduced a smart alert system that improved stakeholder communication efficiency by 35%.
- Followed clean code practices and SOLID principles, contributing to technical backlog reduction.

## PROJECTS

### Hungry-Kitchen | React, Node.js, Tailwind

- Built a scalable, feature-rich platform for online food ordering with advanced filtering, authentication via OAuth, and secure Stripe payment integration.
- Implemented CI/CD using GitHub Actions.
- Enhanced front-end and back-end performance by 20% using webvitals, ensuring a seamless user experience.

### Explore - Blogging Platform | React, Node.js, Prisma, PostgreSQL

- Developed a responsive blogging platform where users can create, like, comment, and follow others, fostering a dynamic community.
- Implemented efficient data management with Prisma ORM and PostgreSQL, improving platform scalability and performance by 15%.

### Weather Forecasting Web App | React, Node.js, Tailwind

- Developed a responsive weather forecast web application using React.JS, with a focus on mobile-first design.
- Real-time weather updates and a detailed 5-day weather forecast were implemented for the user's convenience.
- Integrated the OpenWeather API to get accurate and up-to-date weather data and ensured a seamless user experience through robust error handling for API responses and user inputs.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, Java, HTML/CSS

**Frontend:** React, Redux, Responsive Design, Advanced CSS (Animations & Transitions)

**Backend:** Node.js, Express, REST APIs

**Database:** SQL, PostgreSQL, MongoDB

**Devops & Tools:** Git, GitHub, Postman, CI/CD

**Testing & Debugging:** Jest, React DevTools, Chrome DevTools,

**Cloud Platforms:** Netlify, Firebase, Vercel (Exploring GCP/PCF)

**Frameworks & Libraries:** TailwindCSS, MaterialUI, Ant Design