

Yaswanth Babu Kunchala

❖ [LinkedIn](#) ❖ [GitHub](#) ❖ yaswanthbabu62@gmail.com ❖ +91 8555997163 ❖ [Portfolio](#)

CAREER OBJECTIVE

Passionate full-stack developer with a proven record of delivering impactful projects using React.js, AI, and cloud computing. Skilled in transforming complex challenges into efficient solutions with a strong foundation in machine learning. Adept at creating dynamic applications and optimizing cloud infrastructure for performance and scalability. Driven by continuous improvement and a commitment to innovation. Eager to contribute to a forward-thinking team and drive meaningful technological advancements. Ready to leverage expertise to exceed expectations and make a significant impact.

EDUCATION

Chandigarh University

Bachelor's of Technology, Computer Science

Aug, 2020 - May, 2024

Mohali, Punjab

Sarada Educational Institutions

Maths, Physics and Chemistry (12th Grade)

Jun, 2018 - Mar, 2020

Vijayawada, Andhra Pradesh

SKILLS

Technical : Python, SQL, Data Analytics, Data Science, Deep Learning, Machine Learning

Software & Tools : VS Code, Git, Github, Jupyter Notebook, Power BI

Interpersonal Skills : Communication Skills, Problem Solving, Team Management, Project Management, Documentation

PROJECTS

Banking System | HTML, CSS, MongoDB, Express, React

Aug, 2023 – Dec, 2024

- Designed and developed a robust full-stack banking system using the MERN stack (**MongoDB, Express, React, Node.js**), which provided users with a comprehensive platform to manage their financial activities seamlessly.
- Enabled users to track transaction history in real-time, offering a detailed view of all transactions including deposits, withdrawals, and transfers. This feature empowered users with greater control over their finances by allowing them to monitor their spending patterns and make informed decisions.
- Developed features to manage monthly expenditures, which included setting budgets, categorizing expenses, and generating reports. These tools helped users enhance their financial awareness and maintain a balanced budget, contributing to improved financial literacy.

News App using React | Android Studio, React Native, Node.js

Mar, 2024 – Jul, 2024

- Developed a dynamic news application using **React Native**, enabling real-time news updates from various sources. The app ensured that users stayed informed with the latest headlines, breaking news, and trending stories, providing a reliable source of information on a daily basis.
- Engineered an intuitive and user-friendly interface that catered to a wide range of users by focusing on ease of use and accessibility. The design emphasized seamless navigation, allowing users to quickly browse through different news categories, search for specific topics, and customize their news feed according to their preferences.
- Optimized app performance across mobile devices, ensuring a consistent.

EXPERIENCE & TRAINING

Intern | Ravik Foundation

Feb, 2024 - May, 2024

Full stack developer

Remote

- Developed a comprehensive website for Ravik Foundation using **HTML, CSS, JavaScript, and React.js**, integrating features like updates, vlogs, and fund management tools. This helped enhance the NGO's online presence and effectively communicate its mission.
- Implemented full-stack solutions with **Bootstrap and MySQL**, ensuring a user-friendly design and seamless functionality. This improved the NGO's communication and fund management capabilities.
- Collaborated with the team to align the website with the organization's needs, incorporating feedback to refine the final product.

Trainee | Wipro pvt ltd

Jun, 2023 – Mar, 2024

Trainee

Remote

- Completed a 6-month training program focusing on **Artificial Intelligence, Cloud Computing, and IoT**. Gained advanced skills and practical experience in these technologies.
- Developed expertise in **AI algorithms** and machine learning, **cloud infrastructure deployment**, and IoT device integration. Worked on real-world projects, applying this knowledge to solve practical challenges and enhance problem-solving skills.
- Collaborated on cross-functional teams to design and implement AI-driven solutions, optimizing performance by 30%. This collaboration involved integrating cloud-based IoT systems, enhancing real-time data processing and decision-making capabilities for various applications.

PwC Switzerland Power BI Job Simulation on Forage

May, 2023 – Jul, 2024

Trainee

Remote

- Strengthened Power BI skills by analyzing and visualizing data for over 1,000 clients to better understand their data visualization needs.
- Created **Power BI dashboards** that effectively conveyed KPIs, resulting in a 25% improvement in data comprehension and decision-making speed for clients..
- Leveraged analytical problem-solving skills to examine HR data for a company with 5,000 employees, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, contributing to a proposed 15% increase in female representation in leadership roles.

Research Paper: Network Security Monitoring Systems

Dec, 2023 – May, 2024

Researcher

Chandigarh University

- Researched the design, implementation, and effectiveness of Network Security Monitoring Systems (NSMS) to enhance network security.
- Provided insights into integrating Intrusion Detection Systems, **firewalls, and log analysis tools** within NSMS to improve real-time threat detection and response.

CERTIFICATIONS

- Completed the **"SQL and Relational Databases 101" AND Power BI, certification from Cognitive Class** showcasing skills in SQL queries and relational database design and power bi tool use.
- Completed a comprehensive certificate course in **Data Mining** through NPTEL, gaining in-depth knowledge of data mining techniques, algorithms, and applications.
- Awarded an Internship Certificate of Merit in **Machine Learning**, recognizing outstanding performance and proficiency in developing and implementing machine learning models.
- **AWS Cloud Technical Essentials:** Completed a course on foundational cloud concepts and AWS services .