

VALLURUPALLI ASWIN KUMAR

Frontend / Full Stack Developer

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SUMMARY

Enthusiastic and detail-oriented Computer Science (AI & ML) student with hands-on experience in developing web applications and AI-based features. Skilled in building responsive and user-friendly interfaces using React, along with integrating APIs and managing full-stack workflows. Experienced in working with real-time data, UI/UX design, and optimizing application performance through effective problem-solving. Passionate about creating scalable solutions for real-world problems and continuously learning new technologies. Seeking an opportunity to contribute, grow, and enhance technical skills in a dynamic development environment.

TECHNICAL SKILLS

- Languages: JavaScript, Python, C
- Frontend: React.js, HTML5, CSS3, TypeScript
- Database: MongoDB, SQL
- Tools: Git, GitHub, VS Code, Microsoft Excel

INTERNSHIP EXPERIENCE

Junior Data Scientist – Data Science / Analytics (Remote) (Ongoing)

Jan 2026 – Present

- Developed responsive user interfaces for data-driven web applications using React.
- Designed reusable UI components to improve maintainability and performance.
- Integrated frontend interfaces with backend APIs for dynamic data visualization.
- Collaborated with analytics teams to enhance usability and application efficiency.

PROJECT EXPERIENCE

V.N.R Fresh Fishes – Full Stack E-Commerce Platform

Problem Statement: Developed a solution to digitize local fish markets by enabling online browsing, ordering, and secure transactions, addressing issues of accessibility, pricing transparency, and manual order management.

Next.js, React, TypeScript, Node.js, MongoDB

- Built full-stack e-commerce platform for selling fresh fish products.
- Implemented JWT authentication and protected user routes.
- Developed product listings, shopping cart, and order management.
- Designed backend APIs and managed MongoDB operations.
- Added AI-based advisory feature for authenticated users.

UnionryAI – AI Matrimonial Platform (Ongoing)

Problem Statement: Designed an AI-driven matchmaking platform to improve compatibility-based partner search, enhance user interaction through chat features, and ensure secure user data management.

React.js, Node.js, MongoDB

- Developing matchmaking platform with chat and profile management.
- Implemented secure login system and database workflows.
- Improving UI/UX and optimizing application performance.

EDUCATION

Bachelor of Technology – Computer Science Engineering (AI & ML)

2022 – 2026

SR Gudlavalleru Engineering College

CERTIFICATIONS

- Python Programming Certification – Cisco Networking Academy
- C Programming Certification
- ITERNITY 2025 Hackathon Participation – SR Gudlavalleru Engineering College
- Graph Theory Programming Camp – Algo University