

Arjun U

Bengaluru • arjun.u1968@gmail.com • 9995881824 • www.linkedin.com/in/arjun-u03

Professional Experience

WowLabz | Fullstack intern | September 2025 - Present

- Developed web application features using the MERN stack ensuring high performance and responsiveness.
 - Managed global state across complex components using Redux, reducing unnecessary re-renders and improving UI consistency.
 - Built secure authentication flows using JWT and implemented Redis for efficient server-side caching.
 - Containerized applications using Docker for consistent development environments and assisted in deploying services to AWS.
 - Leveraged Python and AI coding tools (like GitHub Copilot/Cursor/Antigravity) to accelerate development cycles and automate repetitive tasks.
 - Collaborated in an agile environment, participating in code reviews and utilizing TypeScript for better code maintainability.
 - fixing high-priority bugs in production-ready MERN applications, ensuring seamless user experiences and reduced downtime.
-

Skill Summary

- **Languages:** JavaScript (ES6+), TypeScript, Python, HTML5, CSS4.
 - **Frontend:** React 19, Redux Toolkit, TailwindCSS4, Jest.
 - **Backend:** Node.js, Express 5, MongoDB (Mongoose), Redis, SQL, Flask, REST API.
 - **DevOps/Tools:** Docker, AWS, Git, Postman.
 - **Security:** JWT Authentication, Argon2, Helmet.
 - **Productivity:** AI-Assisted Development (Antigravity).
-

Projects

GroceEazy Organic Shopping

- Designed a scalable MERN stack app using TypeScript with a layered BE (Controller–Service–Repository) to keep business logic clean and testable.
- Built a high-performance React frontend with Redux Toolkit + Persist, using debounced search, pagination, React Hook Form, and Zod validation.
- Implemented production-grade security with JWT auth, Argon2 hashing, role-based access control, Helmet, CSRF protection, and analytics dashboards.

AI Freaks.agency(Freelance)

- Developed an AI-powered chatbot using ChatGPT API, automating FAQs and reducing support workload.
- Enhanced user experience with prompt engineering, achieving 90%+ accuracy in real-time responses.

Astrology Prediction chat system

- Built a chatbot-based astrology system as part of an academic project.
 - Implemented NLP-driven responses tailored to astrological query inputs.
 - Applied research principles to explore user interaction in chat systems
-

Education

SRM Institute of Science and Technology

Masters, Computer Applications

MCA

June 2023 - April 2025

Yuvakshetra Institute of Management Studies

Bachelors, Computer Applications

BCA

July 2020 - May 2023

Certifications

- AI-ML Virtual Internship(Google, AICTE)
- Python Data Analytics (META, Coursera)