

# AMJURI YASWANTH

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## PROFESSIONAL SUMMARY

Full Stack & AI Developer with hands-on experience building production-grade RAG systems, multilingual mobile applications, and scalable full-stack platforms using React, React Native, Node.js, and AI/vision APIs. Proven ability to design offline-first architectures and ship end-to-end products from concept to deployment.

## EDUCATION

|                                                                                                           |                           |
|-----------------------------------------------------------------------------------------------------------|---------------------------|
| <b>B.Tech. in Computer Science and Engineering</b><br><i>Aditya College of Engineering and Technology</i> | 2023 – 2027<br>CGPA: 8.56 |
| <b>Intermediate (12th)</b><br><i>Sasi Junior College</i>                                                  | 2021 – 2023<br>90%        |

## TECHNICAL SKILLS

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| <b>Frontend</b>    | HTML, CSS, JavaScript, React, React Native, Bootstrap                     |
| <b>Backend</b>     | Node.js, Express.js, REST APIs                                            |
| <b>Database</b>    | MySQL, MongoDB                                                            |
| <b>Programming</b> | Java, SQL, JavaScript                                                     |
| <b>AI / ML</b>     | RAG Pipelines, Vector Search (TF-IDF), Vision Model Integration, Roboflow |
| <b>Tools</b>       | Git, GitHub, VS Code, Linux, Expo                                         |
| <b>Concepts</b>    | Responsive Design, Authentication, MVC Architecture, Offline-First Design |

## INTERNSHIP EXPERIENCE

|                                                                                                                                                                                                                                                                             |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>AI &amp; ML Intern</b><br><i>Nisum Consulting</i>                                                                                                                                                                                                                        | Jul 2025       |
| <ul style="list-style-type: none"><li>Worked on ML projects and collaborated with cross-functional teams to deliver business-aligned AI solutions.</li><li>Contributed to AI/ML development workflows and supported implementation of machine learning solutions.</li></ul> |                |
| <b>Full Stack Intern</b><br><i>Technical Hub</i>                                                                                                                                                                                                                            | May – Jun 2025 |
| <ul style="list-style-type: none"><li>Improved website page performance by 30% through frontend optimization and performance improvements.</li></ul>                                                                                                                        |                |

## PROJECTS

|                                                                                                                                                                                                                                                                                                                        |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Nagara Netra — AI-Powered Smart City Civic Grievance Platform</b><br><i>React Native, Node.js, MongoDB, MuRIL NLP, EfficientNetB0, BLIP</i>                                                                                                                                                                         |                                |
| <ul style="list-style-type: none"><li>Built a multimodal civic grievance platform using image, text, voice, and GPS inputs with MuRIL NLP.</li><li>Integrated EfficientNetB0 for issue detection and BLIP for image captioning in a React Native.</li></ul>                                                            |                                |
| <b>VitaNova AI — AI-Powered Nutrition Assistant</b><br><i>React Native, Expo, OpenRouter (Gemini Vision), Custom RAG Pipeline</i>                                                                                                                                                                                      |                                |
| <ul style="list-style-type: none"><li>Built a cross-platform mobile app that scans food using vision AI and provides instant multilingual nutrition breakdowns.</li><li>Designed an offline-first RAG pipeline with multilingual voice interaction and a local nutrition database for offline functionality.</li></ul> |                                |
| <b>Multi-Tenant SaaS Platform</b>                                                                                                                                                                                                                                                                                      | <i>React, Node.js, MongoDB</i> |
| <ul style="list-style-type: none"><li>Architected a scalable SaaS application with role-based access control and multi-tenant data isolation.</li><li>Developed the platform using React, Node.js, and MongoDB with a focus on scalable application architecture.</li></ul>                                            |                                |
| <b>Oryx — Skill Exchange Platform</b>                                                                                                                                                                                                                                                                                  | <i>React, Node.js, MongoDB</i> |
| <ul style="list-style-type: none"><li>Developed a skill-sharing web platform with secure authentication and an interactive, responsive user interface.</li><li>Implemented the application using React, Node.js, and MongoDB for full-stack web functionality.</li></ul>                                               |                                |

## CERTIFICATIONS

Oracle Certified Foundations Associate (2025) | MongoDB Certified Associate Developer | GitHub Foundations

## ACHIEVEMENTS

- Innovation Award — Improved Website Speed by 30%
- Represented District & State Level in Badminton

## ACTIVITIES

NSS Coordinator | Lions Club Member | Community Volunteer