

# AMALHANNA VS

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## Profile Summary

Full-stack developer with strong experience in MERN stack and modern web technologies. Skilled in designing responsive, user-friendly applications, integrating backend services, and implementing secure authentication. Passionate about building efficient, scalable systems with a focus on performance and maintainability.

## Education

### B.Tech in Computer Science and Engineering

*Govt.Engineering College Painavu*

**October 2022 - April 2025**

*Idukki, Kerala*

### Diploma in Computer Engineering

*Maharajas Technological Institute, Thrissur*

**August 2019 – may 2022**

*Thrissur, Kerala*

## Relevant Coursework

- |                    |                       |                           |                         |
|--------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures  | • Algorithms Analysis | • Artificial Intelligence | • Systems Programming   |
| • OOP through Java | • Database Management | • Computer Internet       | • Computer Architecture |

## Experience

### Innobyte Services

*Web Developer Intern*

**July 2024-August 2024**

### Limenzy Technologies Pvt Ltd

*Mern Stack Intern*

**currently**

## Projects

### Job Application Tracker | MongoDB, Express.js, React.js, Node.js (MERN)

**January 2026**

- Developed a full-stack job application tracking platform to help users manage and monitor job applications efficiently.
- Implemented secure user authentication for registration, login, and profile management.
- Built admin functionalities to create, update, and delete company profiles and job postings.
- Enabled users to apply for jobs and track application status, dates, and related notes in real time.
- Implemented job search functionality based on job title, company name, and keywords.
- Added company subscription and custom job alert features to notify users about relevant job openings.

### YourStore – E-commerce Platform | Next.js, Node.js, Express.js, MongoDB, Redux

**September 2025**

- Developed customer features including product browsing, cart management, wishlist, and secure purchase flow.
- Built an admin panel for product CRUD operations and customer account activation and deactivation.
- Implemented Redux Toolkit for efficient global state management across the application.
- Integrated automated email notifications for customer account status updates.

### Hydro Predict | React.js, PostgreSQL, XGBoost

**April 2025**

- Developed a dam water level prediction and monitoring system using machine learning models.
- Designed a React.js frontend for real-time dashboards and interactive data visualization.
- Implemented XGBoost models to forecast water levels and support proactive decision-making.
- Used PostgreSQL for efficient storage and retrieval of historical and live dam data.
- Enhanced early warning capabilities and monitoring accuracy for water resource management.

### SoftLab | ReactJS, MySQL, PHP

**June 2024**

- Designed and developed a digital laboratory stock management system to automate inventory tracking.
- Implemented features for stock addition, updates, and real-time availability monitoring.
- Built a responsive React.js frontend integrated with a PHP backend and MySQL database.
- Enhanced data accuracy and optimized resource utilization within laboratory operations.
- Reduced manual errors and improved operational efficiency through digitized inventory workflows.

**Doctor Care | JavaScript, Firebase**

**March 2022**

- Developed a Digital system for efficient retrieval of all data of patients health and doctor booking as per requirement during the covid-19 circumstances.
- Patient can retrieve his/her medical information at anytime and anywhere by using his/her mobile phone.
- Implemented Using JavaScript, Firebase

## Technical Skills

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**Programming Languages:** Java, JavaScript (ES6+), C, SQL

**Frontend:** React.js, Next.js, Redux Toolkit, HTML5, CSS3

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

**Databases:** MongoDB, PostgreSQL, MySQL, Firebase

**Tools:** Git, GitHub, VS Code, Postman

**Other:** JWT Authentication, RBAC, API Integration

## Language

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- Malayalam
- English
- Tamil

## Soft Skills

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- Quick Learner
- Teamwork
- Active listening
- Adaptability