

Afridi Wara

Software Developer



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🎓 EDUCATION

B.Tech | CGPA: 8.48
FIEM
08/2018 – 08/2022 | Kolkata, India

ICSE | 84%
ST. MARY'S SCHOOL
2016 | Kolkata, India

ISC | 76.5%
ST. AUGUSTINE'S DAY SCHOOL
2016 – 2018 | Kolkata, India

💼 PROFESSIONAL EXPERIENCE

Think Future Technologies

Backend Developer (Node.js & MERN Stack)

01/2022 – present | Gurgaon, India

Stack: Node.js, Express, PostgreSQL, MongoDB, Redis, React.js, Git

Key Projects Handled:

1. Broadvoice

(Voice Calling & Messaging Platform)

Database: PostgreSQL

What the project is:

Used in the U.S. for managing customer calls, chats, and voice messages.

What I did:

- Built APIs in Node.js to manage users, calls, and message logs.
- Created database tables using PostgreSQL with proper structure.
- Used Redis to cache data and make the app faster.
- Added pagination in API for call history and messages.
- Handled secure login using JWT and set user roles (like Admin, Agent).
- Worked with frontend team to test and integrate these APIs with React.

2. Realization

(Task Management for Civil Engineers)

Database: MongoDB

What the project is:

Helps engineers manage big projects with tasks and sub-tasks.

What I did:

- Created backend in Node.js for adding, updating, and tracking tasks.
- Used MongoDB to store project details and task history.
- Designed role system (Engineer, Admin, Viewer) with JWT login.
- Wrote clean, reusable code with error handling and validation.
- Worked closely with frontend team to test the features and APIs.

3. Dhanuka 2.0

(Crop & Activity Tracking System for Farmers)

Database: PostgreSQL

SKILLS

Node.js



- REST API Development
- Express.js
- Middleware Handling
- JWT Authentication
- Async/Await + Error Handling
- Redis Integration
- Performance Optimization

PostgreSQL / SQL



- Schema Design
- Joins, Group By, Indexing
- Sequelize ORM
- Writing Raw SQL Queries
- Migration Scripts
- Unique Constraint & Validation Logic

MongoDB



- Mongoose ORM
- Schema Validation
- Aggregation Pipelines
- Pagination Logic
- Indexing & Query Optimization

Git & Version Control



- Branching, Merging
- Pull Requests & Code Reviews
- Conflict Resolution
- Release Flow in Sprint Teams

React.js



- State Management (useState, useEffect)
- Props Handling
- UI Component Integration (Ant Design)
- Fetching & Displaying API Data
- Handling Modals, Dropdowns, Tables

Programming Languages

- JavaScript
- TypeScript
- Java
- Python

What the project is:

A tool used by Dhanuka for managing crop data, farmers' activities, and reporting.

What I did:

- Built all backend APIs using Node.js for crops, brands, problems, and user activities.
- Wrote logic to stop duplicate entries in the crop system.
- Used Redis for speed and server-side pagination for large data.
- Helped frontend team by explaining APIs and fixing errors.
- Ensured all APIs follow a secure and consistent structure.

4. SimplifyPath

(Smart Chat-Based Automation Platform)

Database: MongoDB

What the project is:

This app replaces old ways of doing work like leave application, approvals, or tracking — with a simple chat.

Just type a message like "Apply leave for 2 days" and it does it for you, without visiting any pages.

What I did:

- Built APIs using Node.js to connect with apps like HR, Attendance, Leave Management, etc.
- Made backend logic to read the user prompt and match it to the right action.
- Handled user access, permissions, and chat responses securely.
- Optimized APIs to give instant replies using Redis.
- Worked on user group creation, skip-to-latest messages, and prompt input detection for frontend.
- Fully handled API development and logic as the backend owner of this project.