

# Aadhil N

MERN Stack Developer

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<https://github.com/aadhilnavas>



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## Career Objective

Using my skills, education and experience to develop my career as a software engineer and help the company to achieve business goals by selecting or creating effective IT solution in an international environment.

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## Technical Skills

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, React
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Version Control:** Git
- **IDE/Tools:** VS Code, Sublime Text
- **Operating Systems:** Windows, Linux
- **Other Tools:** MS Office

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## Experience

### Mern Stack Developer(Intern)

Mashup Stack (May 2024 – Dec 2024)

- Collaborated with the team to troubleshoot and debug software issues, ensuring the delivery of high-quality applications.
- Participated in code reviews and contributed to improving code standards and project documentation.
- Engaged in software training provided by the organization to enhance technical and professional skills.

### Associate Customer Support

Sutherland Global Services, Kakkanad (Mar 2023 – Apr 2024)

- Improved communication and problem-solving skills by resolving client issues efficiently.
- Collaborated with team members to meet and exceed performance targets.
- Guided teammates and prepared reports to maintain performance metrics.

### Web Development Intern

Tesz ( Aug 2022 – Jan 2023)

- Handled website management and interface design.
- Assisted in developing and optimizing site functionality.
- Ensure seamless user experience through testing and debugging.

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## Projects

### 1. To-Do List Application (React, Axios, Firebase)

Developed a full-stack task management application leveraging React for the front-end and

Firebase for real-time backend data storage. Implemented core functionalities such as adding, editing, and deleting tasks, and incorporated features for task prioritization and deadline setting. Used Axios for seamless API requests to Firebase and integrated user authentication with email and password login. Focused on creating a user-friendly interface with real-time data synchronization across multiple devices.

- **Key Technologies:** React, Axios, Firebase, JavaScript, User Authentication, Real-Time Database
- **Key Achievements:** Improved user experience through live task updates and efficient data management.

## 2. Pharmacy Management System (Express, MongoDB, REST API)

Built a robust pharmacy management system using Express.js for the server-side framework and MongoDB for database management. Designed and implemented secure user authentication with login and registration functionality using JWT and bcrypt. Created RESTful APIs for managing prescriptions, stock inventory, and patient records, providing the system with smooth interactions between the front end and database. The system supports dynamic reporting and auditing of inventory data.

- **Key Technologies:** Express.js, MongoDB, REST APIs, JWT, bcrypt, JavaScript, Node.js
- **Key Achievements:** Streamlined pharmacy operations by automating inventory and prescription management.

## 3. 2D Face Recognition for Airport Security (OpenCV, Python)

Developed a 2D face recognition system using OpenCV and Python as part of my college project aimed at enhancing airport security. The system utilized Haar Cascade classifiers for face detection and image pre-processing to achieve high accuracy and reliability. It provided an automated solution to improve passenger identification processes, reducing manual work and increasing efficiency. Integrated the system with a simple UI for real-time identification during security checks.

- **Key Technologies:** OpenCV, Python, Face Detection, Image Processing, Machine Learning
- **Key Achievements:** Successfully demonstrated the potential of face recognition for security automation in a high-traffic environment.

## 4. Personal Portfolio Website (React, Responsive Design, CSS)

Developed a responsive personal portfolio website using React, designed to showcase my development skills, projects, and professional experience. The site was optimized for various screen sizes and devices using CSS Grid and Flexbox to ensure a smooth user experience. Integrated smooth scrolling, dynamic loading, and interactive elements to enhance engagement. The website also features a contact form to allow potential employers or clients to reach out directly.

- **Key Technologies:** React, CSS, JavaScript, Responsive Design, Web Development
- **Key Achievements:** Created a fully responsive and visually appealing personal portfolio that increased online visibility and client inquiries.

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## Certifications

- Full Stack Web Development in MERN - Mashup Stack
- Architecture with Google Compute Engine - Google Cloud Training (Coursera)
- Cloud and Automation - Red Hat Mega Conclave
- Basic Web Development (HTML, CSS, JS) - GDG Ranchi, Google Developers
- Python for Machine Learning - Robotics Club, UCE Thodupuzha

- Certificate in Entrepreneurship - Indian School of Business & CSC Academy
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## Internships & Workshops

- **Internship at CADD Centre Training Services** (10 days) – Gained exposure to CAD tools.
  - **Workshop by 3DEXTR** – Learned about 3D printing technology.
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## Education

### MERN Stack Developer (7 Months)

Mashup Stack Software Training

- Developed dynamic and scalable web applications using the MERN stack.
- Designed and implemented full-stack solutions, including RESTful APIs.
- Managed and optimized database schemas and queries using MongoDB.

### B.Tech in Computer Science Engineering

APJ Abdul Kalam Technological University (Carmel College of Engineering and Technology, Alappuzha)

- **Year:** 2018 – 2022 | **CGPA:** 6.48

### Higher Secondary (Computer Science)

Leo XIII HSS, Alappuzha

- **Year:** 2016 – 2018 | **Percentage:** 80%

### Secondary School (CBSE)

Believers Church English Medium School, Alappuzha

- **Year:** 2015 – 2016 | **Percentage:** 90%
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## Personal Details

- **Full Name:** Aadhil N
  - **Date of Birth:** 05 May 2000
  - **Marital Status:** Single
  - **Languages Known:** English, Malayalam
  - **Address:** Aadhil Manzil, Asramam Ward, Avalookunnu P.O, Alappuzha, Pin: 688006
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## Declaration

I hereby declare that all the information provided is true to the best of my knowledge and belief.

**Place:** Alappuzha

**Date:** 13/12/2024

**Aadhil N**

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