

Amal Saji

📍 Kollam, Kerala ✉ amalsaji218@gmail.com ☎ 7306255375 📁 Portfolio in LinkedIn 🐙 GitHub

Education

B.Tech in Computer Science & Engineering

07/2019 - 06/2023

College of Engineering, Pathanapuram

- CGPA: 7.67

Grade 12

06/2017 - 04/2019

GOVT H.S.S Punalur

- Percentage: 92.9%

Skills

Programming Languages: Python, Go, HTML5, CSS, Tailwind, JavaScript, React.js, Express.js, Node.js

Databases: MongoDB, PostgreSQL, Cassandra

Tools: Git, GitHub, Linux, PowerShell

Soft Skills: Creative Solutions, Communication

Experience

Node.js Developer Intern

Kottayam, Kerala 06/2024

Digistore Pay

- Present

- Developed scalable server-side applications using Node.js, Express, and MongoDB, creating RESTful APIs to handle high volumes of daily requests. .

Full Stack Developer

Bangalore 07/2023 -

Algomox Private Limited

01/2024

- Mastered Angular for front-end development and Go for back-end, enabling the creation of web applications that enhanced user engagement and optimized loading times. .

Projects

Flood Prediction and Forecasting Using Machine Learning



- Developed a system to predict floods with high accuracy, sending real-time alerts to users.
- Processed extensive weather data to identify flood risks, significantly reducing response time using **Twilio API** and **Pandas**.

Netflix Clone 2.0



- Developed a Netflix-like platform offering real-time movie data and personalized recommendations using **TMDb API**.
- Improved performance and optimized loading times with dynamic content loading, leveraging **React.js**, **Lazy Loading**, and **Redux**.

Employee Management System (MERN)



- Built a system to support employees, featuring real-time notifications with minimal delivery time.
- Optimized management of employee records, significantly reducing search time using **React**, **Node.js**, and **MongoDB**.

To-Do Application (MERN)



- Assisted users in managing tasks effectively, achieving high user satisfaction.
- Implemented prioritization and reminders using **Express** and **JWT**, enhancing task management efficiency.

Personalized Music Application



- Delivered tailored playlists to users, increasing engagement.
- Achieved high uptime and fast response times using **React.js** and **Spotify API**.

Certifications

- JavaScript Course: Unlocking the Power of JavaScript.
- React JS Course Certification from Scalar Topics.
- Machine Learning with Data Analytics organized by CSI.
- Self-Driving Electric Vehicles workshop - KSHITIJ, IIT Kharagpur.
- Basics of AutoCAD & SketchUp Workshop - Techmaghi, IIT Kharagpur.

Languages

- Malayalam: Native or Bilingual Proficiency
- Hindi: Limited Working Proficiency
- Tamil: Full Professional Proficiency
- English: Full Professional Proficiency

Interests

Music, Reading.