

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: 7.9

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 that managed over 15,000 requests per day.

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 improved user engagement by 30% and reduced loading times by 50%.

Projects

Flood Prediction and Forecasting Using Machine Learning



- Developed a system with an **85% accuracy rate** to predict floods, sending real-time alerts to over **500 users**.
- Processed **10,000+ weather records** to identify flood risks, reducing response time by **30%** using **Twilio API** and **Pandas**.

Netflix Clone 2.0



- Developed a Netflix-like platform serving over **500 users**, offering real-time movie data and personalized recommendations using **TMDb API**.
- Reduced loading times by **25%** with dynamic content loading, leveraging **React.js**, **Lazy Loading**, and **Redux**.

Employee Management System (MERN)



- Built a system supporting **100+ employees**, featuring real-time notifications delivered within **2 seconds**.
- Handled **10,000+ employee records**, reducing search time by **50%** with **React**, **Node.js**, and **MongoDB**.

To-Do Application (MERN)



- Assisted over **200 users** in managing **1,000+ tasks**, achieving **95% user satisfaction**.
- Implemented prioritization and reminders using **Express** and **JWT**, improving task management efficiency by **45%**.

Personalized Music App



- Delivered tailored playlists to over **1,000 users**, increasing engagement by **35%**.
- Achieved **98% uptime** with a response time of **2 seconds** using **React.js** and **Spotify API**.

Certifications

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

Languages

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

Interests

Music, Reading.