

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

- MERN Stack Developer Intern** Kottayam, Kerala 06/2024 - Present
Digistore Pay
- Developed scalable server-side applications using **Node.js**, **Express**, and **MongoDB**, creating RESTful APIs to handle over **15,000 requests daily**.
 - Designed and implemented responsive front-end interfaces using **React**, achieving **100% cross-device compatibility** and significantly enhancing the **user experience**.
- Full Stack Developer** Bangalore 07/2023 - 01/2024
Algomox Private Limited
- Developed interactive front-end applications using **Angular**, increasing user engagement by **40%**.
 - Built efficient back-end systems using **Go**, reducing server response times by **25%** and optimizing loading speeds.

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 the **Twilio API** and **Pandas**.
- Netflix Clone 2.0**    
- Developed a Netflix-like platform offering real-time movie data and personalized recommendations using the **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 **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 Application



- Delivered customized playlists, resulting in a **35%** increase in engagement and enhancing overall **user experience** through intuitive UI design with **Tailwind CSS**.
- Achieved **98% uptime** with a response time of **2 seconds**, leveraging **React.js**, **Tailwind CSS**, and the **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
- **English:** Full Professional Proficiency
- **Tamil:** Full Professional Proficiency
- **Hindi:** Full Professional Proficiency

Interests

Music, Reading.