

SARATH M R

FULL STACK DEVELOPER

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Trivandrum, Kerala

TECHNICAL SKILLS

React | Typescript | Astro | RESTFUL
APIs | Docker | MongoDB | Open AI
GPT API | HTML | Tailwind CSS |
JavaScript | Python | JWT |
Bootstrap | Git | OAuth | FAST API

SOFT SKILLS

- Team Player
- Problem solving
- SDLC
- Cloud Services
- Leadership
- Version Control
- Critical Thinking
- Agile

LANGUAGES

- English (Fluent)
- Malayalam

REFERENCE

Ankitha Philip

Amal Jyothi College of
Engineering

9744242599

ankithaphilip@amaljyothi.ac.in

LINKS

GitHub

github.com/SARATH0899

LinkedIn

linkedin.com/in/sarath-m-r



PROFILE

Results-driven Full Stack Developer with 6 months hands-on experience in modern web technologies and AI-integrated solutions. Proficient in JavaScript ecosystem, MERN stack development, Backend Services, and Responsive Frontend Design. Eager to leverage GenAI research experience in building scalable, user centric applications.



WORK EXPERIENCE

Expectation Walkers GenAI Research and Services Pvt Ltd

2024 - PRESENT

Senior Developer

- Implemented automated content monitoring with real-time AI-powered blocking capabilities and interactive chatbot support for user education
- Architected AI-powered educational platform integrating OpenAI GPT models with custom 5-tier modular curriculum structure, delivering personalized learning experiences and reducing content creation time by 80%
- Integrated advanced text-to-speech functionality using Unreal Speech API with GridFS storage optimization, improving content accessibility and reducing audio loading time by 75%
- Architected Chrome extension with passwordless magic link authentication and AI-based security threat detection, reducing authentication time by 65% and improving security breach prevention by 85%
- Developed intelligent content filtering system using custom "Kwestaro" search engine with ML-based age-appropriate safeguards, protecting child users from inappropriate web content



RESEACH & PUBLICATIONS

Leveraging Machine Learning Algorithms for Phishing Websites URL Detection

National Conference on Emerging Computer Applications(NCECA), 2024



EDUCATION

Master of Computer Application

2022 - 2024

Amal Jyothi College of Engineering

B.com with Computer Application

2018 - 2021

Saraswathi College of Arts & Science



CERTIFICATIONS



The MERN Stack & FSD

Infosys Springboard



Introduction to Cloud Semester 1 & 2

AWS Academy



JavaScript Essentials 1

Cisco Networking Academy



Introduction to Internet of Things

NPTEL



Docker Essentials : A Developer Introduction

Cognitive Class



KEY PROJECTS



AI-Powered Educational Platform

Open AI GPT | Typescript | MongoDB | Unreal Speech API | GridFS

- Developed comprehensive AI tutoring system with personalized curriculum generation
- Created text-to-speech functionality with ML-optimized audio compression, reducing loading times by 75%
- Built modular 5-tier learning framework supporting basic to advanced AI concepts



Intelligent Child Safety Browser Extension

Password-less Authentication | AI Classification | Real-Time Processing

- Integrated custom "Kwestaro" search engine with machine learning-based content classification
- Created age-appropriate content filtering with 95% accuracy in inappropriate content detection
- Implemented contextual safety tips and warnings based on browsing behavior and achieved 95% accuracy in content classification and filtering