MOHAMMED SHAHIN
Full Stack Web Developer

Contact

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Education

University College,Trivandrum
Bachelor of Arabic
2018 - 2021

Daru Rahma, Thozhiyoor
Higher Secondary
2016 - 2018

Technical Skills

- Frontend:
  React.js, JavaScript,
  HTML5, CSS3, Bootstrap
- Backend:
  Python, Django,
  Django REST Framework
- Database:
  MySQL, phpMyAdmin
- DevOps & Deployment:
  VPS Server, Nginx
  & Gunicorn
- Tools:
  Git, Github, Sublime,
  VS Code, Postman
- Core Competencies:
  RESTful API Design,
  JWT & Session Authenti-
  cation,Debugging,
  CRUD Operations,
  Responsive Web Design

Full Stack Web Developer with hands-on experience in building and maintaining web applications using Python, Django, React, and MySQL. Experienced in developing REST APIs, integrating frontend and backend systems, and working on production-level applications for international clients. Strong analytical and problem-solving skills, supported by a background in client-facing roles and team collaboration. Seeking an opportunity to contribute to scalable, user-focused software products while continuously strengthening technical expertise.

Work Experience

Junior Full Stack Web Developer | Ace Kerala, Trivandrum

June 2024 - Present

- Developing a specialized English-learning platform for a UK-based client with interactive learning tools and a kid-friendly UI/UX.
- Engineered a real-time AI agent workflow integrating ElevenLabs for conversational learning experiences.
- Building and maintaining scalable applications using Django for backend architecture and React for responsive frontend interfaces.
- Managing deployment on Contabo VPS including Linux server setup, Nginx configuration, Gunicorn handling, and production optimization.
- Designing secure RESTful APIs and authentication modules to enable seamless data exchange between AI services and the user interface.

Full Stack Web Development Intern | Mashupstack

Oct 2024 - May 2025

- Built multiple frontend and backend projects based on real-world use-cases.
- Developed Django backend modules and integrated them with frontend components.
- Worked extensively with JavaScript, HTML, CSS, Python, and Django.
- Participated in technical evaluations covering Python, Django, and core web concepts.
- Strengthened understanding of project structure, debugging, and clean coding practices.

Languages

- English (Fluent)
- Malayalam (Native)
- Arabic (Intermediate)
- Hindi (Intermediate)
- Tamil (Intermediate)

SOFT SKILLS

- Problem Solving & Analytical Thinking
- Communication Skills
- Team Collaboration
- Ownership & Accountability
- Adaptability & Fast Learning
- Time Management
- Attention to Detail

INTERESTS

- Cricket
- Football
- Movies
- Music

Projects

EmiLearn – AI-Powered English Learning Platform for Kids

- Built an interactive English learning platform for kids (ages 5–8) using React and Django.
- Used ElevenLabs AI agent for AI voice feedback for learning support.
- Added storytelling, games, and voice-based learning activities.
- Created simple real-time hints and audio guidance for students.
- Tracked student progress, mistakes, and learning time.
- Designed a child-friendly UI with smooth navigation.
- Used API-based communication with a secure backend.

Interactive AI Literacy & Storytelling Platform

- Built a full-stack storytelling application using React.js + Django REST Framework.
- Created a Flipbook-style UI using react-pageflip for interactive story reading.
- Integrated an AI Voice Tutor capable of oral comprehension testing using microphone input.
- Implemented Google TTS, OpenRouter for LLM, and Web Speech API for STT conversational interaction.
- Secured backend communication using CORS and structured API-based architecture.

Shoppers Stop Interactive Digital Dossier

- Interactive Catalog: Built a digital flipbook using React.js that allows users to browse sales pages with realistic page-flip effects.
- Secure Entry: Developed a password-protected login system to provide secure, member-only access.
- Fast Loading: Implemented automatic image pre-loading to ensure smooth, lag-free navigation.
- Mobile-Friendly Design: Optimized the application using Tailwind CSS to ensure full responsiveness across devices.
- Customer Engagement: Added an end-of-catalog popup that redirects users directly to the Shoppers Stop website to continue shopping.