Mathanraj Murugesan

MERN Stack Developer / Full Stack Developer

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Profile Summary

Ambitious and skilled MERN Stack Developer with 1+ years hands-on coding experience in building scalable applications. Actively seeking immediate opportunities to create impactful user experiences and drive business growth.

EDUCATION

Sengunthar Engineering College   2020–2024
Bachelor of Engineering in Computer Science; CGPA: 7.08

K.S. Rangasamy Institute of Technology   2016–2019
Diploma in Computer Engineering; PERCENTAGE: 73%

Government Higher Secondary School   2012–2013
SSLC; PERCENTAGE: 83%

TECHNICAL SKILLS

Languages & Markup: HTML5, CSS3, JavaScript (ES6+)
Frameworks & Libraries: React.js (v18), Node.js (v16), Express.js (v4), Alpine.js (v3), Bootstrap (v5), Tailwind CSS (v3)
Databases: MongoDB and MySQL
Tools & Platforms: Git, GitHub Actions, MongoDB Compass, PM2, VS Code, Postman, Vercel, Netlify, Cloudinary
Testing & Automation: Puppeteer and Playwright
Design: Adobe Photoshop, Figma, Canva
Additional Skills: RESTful APIs, Shell Script, Single Page Applications (SPAs), Fetch API, Mockups, JSON, SEO, PWA

WORK EXPERIENCE

Full Stack Developer   August 2024-December 2024
Nucaza Innovations Private Limited, Coimbatore, Tamil Nadu

- Developed high-performance, scalable web applications using the MERN stack, focusing on responsive and PWAs.
- Led the development of The Aimzz Solutions educational platform, achieving a 15% increase in user registrations a month.

Web Developer Intern   December 2023-June 2024
MAKT Solution Private Limited, Tiruchengode, Tamil Nadu

- Assigned to the development department as a Web Developer intern.
- Designed and developed 2+ web projects, ensuring all pages were responsive and SEO optimized.
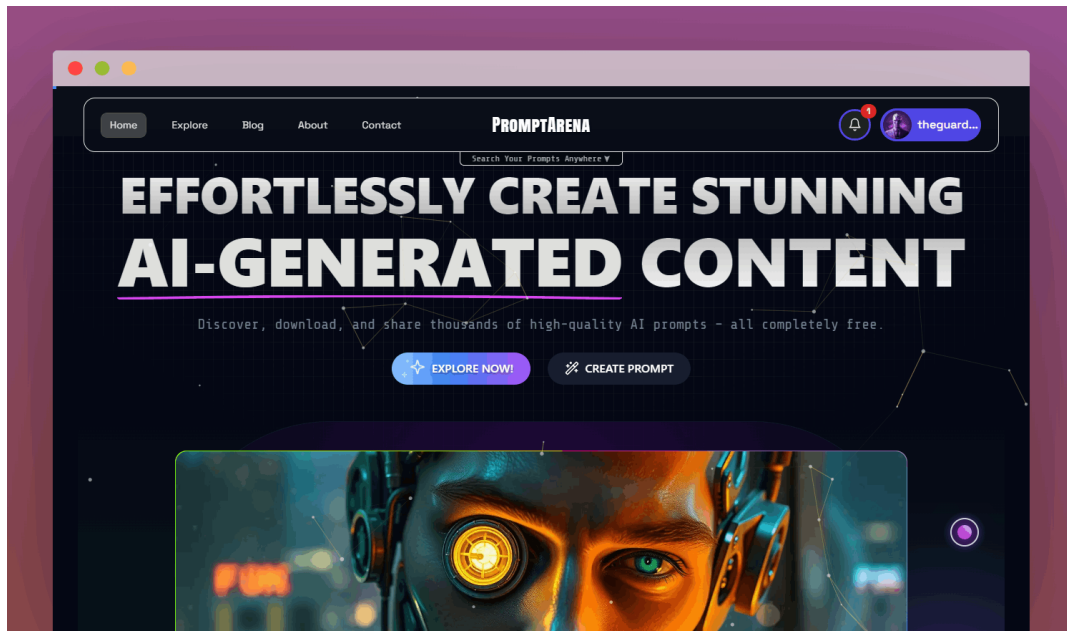
PROJECTS

PromptArena – AI Prompt Marketplace 🗁 - GitHub | Live   September 2024- December 2024

- Built a comprehensive platform enabling users to freely access and utilize AI-generated prompts and images, increasing user engagement by 15% in the first month.
- Implemented an AI-powered admin dashboard, Google authentication, advanced search and filtering, and SEO optimization, boosting page views by 20%.
- Managed a responsive, installable PWA optimized for desktop and mobile users, improving accessibility and resulting in a 10% increase in mobile users.
- Ensured scalability and optimization through SEO practices, Google Analytics integration, and modern deployment strategies, leading to a 12% improvement in website loading speeds.
- Technologies used: React, MongoDB, Express.js, Tailwind CSS, Google Authentication, Cloudinary and Nodemailer.

HR Management System 🗁 - GitHub | Live   July 2024- July 2024

- Created a web application for managing employee data, attendance, and payroll, improving HR efficiency by 20%.
- Designed a user-friendly dashboard with interactive charts, reducing manual report generation time by 15%.
- Automated PDF generation for detailed reports, increasing reporting accuracy by 10%.
- Technologies used: Express.js, MongoDB, React, Tailwind CSS and Chart.js.

Implemented E-Learning Website 🗁 - GitHub | Live   December 2023- January 2024

- Built a platform featuring user authentication and responsive design, ensuring compatibility across devices.
- Implemented responsive design to ensure compatibility across mobile, tablet, and desktop devices.
- Technologies used: MongoDB, Express.js, React, Tailwind CSS and SEO ranking 95%.
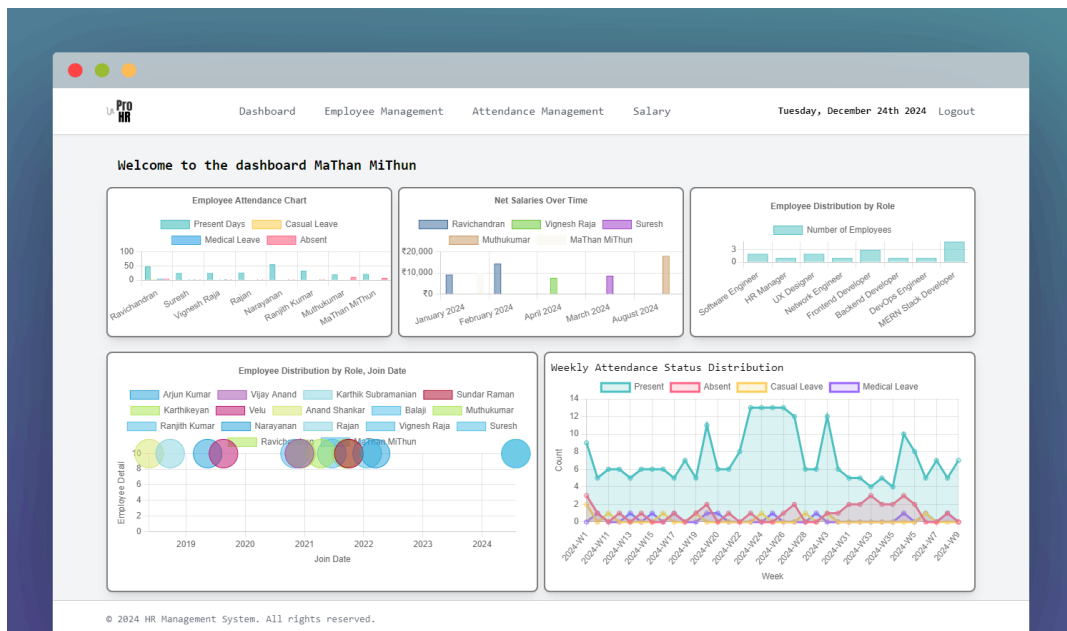
CERTIFICATIONS

Certified Full Stack Developer | CERTIFICATE   October 2024

- Successfully completed a Full Stack program at Nucaza Innovations Pvt, Ltd. with a grade A in October 2024 (6 months).

Python Course for Beginners With Certification | CERTIFICATE   March 2024

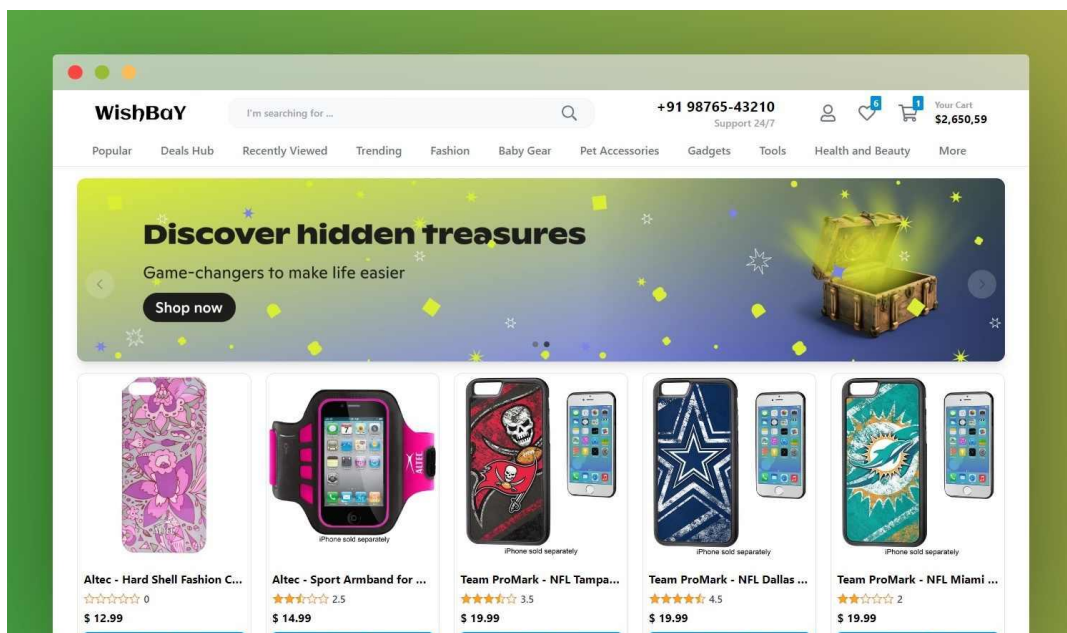- Completed a comprehensive Python course tailored for beginners, covering essential programming concepts.

SAMPLE WORKS

PromptArena – AI Prompt Marketplace

HR Management System

WishBaY-Ecommerce Website