

SADAIN ABDULLAH N

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Work Experience

Flutions India Pvt Ltd, Chennai, TN
Software Engineer

April 2024 – Present

- Designed responsive and interactive user interfaces using React.js and Tailwind CSS, deployed via Google Cloud Platform (GCP), which led to a 25% increase in application performance and a 20% boost in user engagement.
- Developed an avatar interview simulator leveraging Three.js and WebSocket, enhancing user satisfaction and interaction.
- Created an AI-based chatbot for various enterprise use cases, utilizing GitHub APIs for code optimization and repository access, and incorporating SSE and WebSocket for real-time communication, boosting response times by 30%.
- Automated workflows and issue tracking in JIRA with JavaScript, streamlining processes and improving team efficiency.

Freelancing: TFLEX
Software Engineer

January 2024 – March 2024

- Single-handedly managed and delivered multiple client projects, from initial consultation to deployment, ensuring timely delivery and project adherence.
- Led the development of scalable web solutions using HTML, CSS, JavaScript, React.js, PHP, and WordPress, resulting in a 15% increase in website load speed and enhanced client satisfaction.
- Effectively handled client communications, provided regular updates, and incorporated feedback to meet business goals and technical requirements.

Safpro Technology Solutions, Vellore, TN
Software Engineer Intern / Software Engineer

January 2023 – December 2023

- Collaborated effectively with cross-functional teams to develop responsive e-commerce websites and an Inventory Management System, leveraging React.js for consistent and user-friendly interfaces.
- Employed agile methodologies to manage project lifecycles from conception to deployment, enhancing team productivity and delivering high-quality software solutions.
- Quickly learned and applied new technologies, demonstrating proven effectiveness in developing robust, scalable solutions and contributing to project success and innovation.

Projects

Enterprise Growth AI Platform: JavaScript, Next.js, SASS, Tailwind CSS, Node.js

- Built an AI-based chatbot platform enabling enterprises to create and customize AI use cases, enhancing flexibility and user engagement across multiple industries.
- Integrated a chatbot with Server-Sent Events (SSE) and WebSocket for real-time communication and utilized GitHub authentication for seamless code management, resulting in a 30% improvement in response times and a 25% increase in user satisfaction.

Career Advancement Platform: JavaScript, React.js, Three.js, Tailwind CSS

- Engineered a comprehensive platform for candidates to simulate AI-based interviews and assessments, enabling detailed report generation and profile creation, streamlining the candidate-company interaction process.
- Built an avatar-based AI interview simulator with Three.js and WebSocket, optimizing user engagement and boosting candidate interaction by 40%.

Inventory Management System: React.js, JavaScript, Bootstrap, Tanstack Query

- Developed a comprehensive dashboard for inventory and invoice management, integrating advanced stock tracking and financial analytics, enhancing operational accuracy and efficiency by 85%.
- Created a secure system with JWT for access control and utilized Tanstack Query for optimized data handling.

Skills

Programming Language: JavaScript, Python, Java, PHP, MySQL, HTML5, CSS3

Libraries & Frameworks: React.js, Next.js, Node.js, Tailwind CSS, SASS, Rest API's, Redux, JSON, JWT, Three.js, SSE, WebSocket

Tools & Platforms: Git, GitHub, Netlify, GoDaddy, GCP, WordPress, Figma, Postman, IBM Watson, Chrome Dev Tools, Wireframing

Education

Priyadarshini Engineering College – Anna University, Tirupattur, TN
Bachelor of Engineering in Computer Science and Engineering

August 2019 – June 2023
(CGPA: 8.59 / 10.0)

Certification

- [Meta Certified](#): Programming with JavaScript
- [IBM & ICT Academy Certified](#): Project on AI based discourse for Banking Industry

Achievements & Volunteering

- **Secured 1st rank** in Computer Science and Engineering at Priyadarshini Engineering College, Anna University.
- **Runner-up**, Hackathon at SRM College Chennai: Led Project CYBOT, an advanced cybersecurity bot system.
- **Community Leadership**: Led TFLEX Community initiatives, promoting collaboration and knowledge sharing.
- **Google Crowdsource Volunteer**: Contributed to digital improvement efforts and earned a Top Contributor Award for outstanding contributions.