

Alan Saji

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Education

Vellore Institute of Technology, Bhopal July 2021 Onwards
Pursued Bachelor of Technology in Computer Science and Engineering with a CGPA of 8.13/10

St. Thomas Residential School, Thiruvananthapuram July 2019 – June 2021
Graduated 12th Standard from ISC board with 88%

Sarvodaya Vidyalaya, Thiruvananthapuram July 2018 – June 2019
Graduated 10th Standard from ICSE board with 94%

Projects

Zonin July 2024 – August 2024
Full-Stack

- Developed a social media web application using React and Next.js for optimized performance.
- Leveraged Next.js for server-side rendering and static site generation, achieving fast load times and improved SEO, leading to a 30% increase in user engagement.
- Integrated Cloudinary for efficient image and video storage, enabling seamless media uploads and optimizing file delivery, resulting in a 50% reduction in load times for media-rich content.
- Working Link: [Zonin](#)

NFT Marketplace April 2024
FullStack

- Engineered a robust blockchain application for buying, selling and minting NFTs on Internet Computer.
- Tested decentralized smart contracts with ICP, ensuring transaction integrity and security across all interactions.
- Implemented a responsive and user-friendly interface using React.js, reducing page load times to under 2 seconds in a local development environment.
- Integrated functionalities for buying, selling, and minting NFTs, tested to support over 1,000 NFT listings without performance issues.
- Achieved a 98% success rate in transaction simulations, ensuring reliability and user satisfaction for future deployment.
- GitHub link: [OpenNFT](#)

Skills

Technical skills: *Programming Languages:* Java (proficient), Python (proficient), JavaScript (prior experience), PHP (Beginner) TypeScript; *Database:* MySQL, MongoDB, Firebase, Postgres SQL; *Full-Stack:* MERN, Tailwind CSS, Bootstrap, Next.js, ICP Blockchain; *API Integration and Testing:* Postman

Design and Development: UI/UX Design, Application Architecture, Design Patterns, Service Design

Additional Skills: Cloud Architecture, Database Management Systems, Object-Oriented Programming

Certifications and Badges

• Complete Web Development Bootcamp – Udemy • Foundation of UIUX – Google, Coursera • Oracle Certified Java Foundations Associate • Microsoft Certified Power Platform App Maker • 50 Days of code badge – LeetCode

Internship Experience

[Unified Mentor, Gurgaon, Haryana](#), remote July 2024 – August 2024

- Worked on 2 basic and 1 advanced project showcasing consistency and dedication.
- **Web-Based Music Player:** Developed a responsive music player that supports over 500 songs stored in Firebase, achieving cross-device compatibility and a user engagement rate of 85% across different platforms. Link: [Symphony](#)
- **Expense Tracker:** Designed a full-stack expense tracker using Next.js and Drizzle ORM, enabling efficient management of over 1,000 transactions and reducing database query times by 40%. Link: [Bixpense](#)
- **Supermall Management System:** Integrated Firebase Authentication for secure user and admin login, and utilized React Context API to streamline state management, enhancing the system's scalability and performance, and supporting over 500 shops and 2000 products. Link: [ZapShop](#)

Additional

- **Languages:** Malayalam (Native), English (Fluent), Hindi (Fluent).
- **Coding:** [100 days of Full Stack](#), [100 days of python](#), [LeetCode](#), [GFG](#).