

Md Sawood Alam

+91-7004933954 | sawoodalam19@gmail.com | LinkedIn | GitHub | LeetCode

EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh

Bachelor of Engineering in Computer Science and Engineering

August 2021 – May 2025

CGPA: 8.13

TECHNICAL SKILLS

Languages: C++, Flutter, Dart, HTML, Tailwind CSS, SQL, MongoDB

Frameworks: React JS, Supabase, Firebase, Git/Github, AWS, Android Studio, Visual Studio

Relevant Coursework: OOPs, Database Management Systems, Operating System

PROJECTS

Trimrrrrr | *React JS, Tailwind CSS, Supabase, Shadcn-UI, Vercel*

August, 2024

- Engineered a comprehensive URL shortener using React JS, Tailwind CSS, and Supabase to streamline link management and enhance redirection efficiency.
- Implemented advanced features including user authentication, URL shortening, and robust analytics for tracking clicks and geolocation data, improving user engagement by 25%.
- Integrated QR code generation and developed a data dashboard for real-time visualization and insights, increasing user retention by 30% and improving overall user experience.
- Orchestrated deployment on Vercel's serverless architecture, achieving faster loading times, improved uptime, and higher user satisfaction while reducing infrastructure costs.

Flutter News App | *Flutter, Dart, JSON API*

March, 2024

- Developed a high-performance news app using Flutter and Dart, seamlessly integrating NewsAPI.org to deliver real-time news, providing users with up-to-date and relevant information.
- Designed a responsive and intuitive UI/UX, leveraging state management and complex layouts like Carousel Sliders and Smooth Page Indicators to significantly boost user interaction and retention.
- Optimized app performance by utilizing WebView, ListView, and Cached Network Images, ensuring faster load times and smoother experiences.
- Executed comprehensive unit testing to maintain the app's stability and robustness, reducing bugs and enhancing overall reliability.

EXPERIENCE

Ethnus MERN Internship Program

August 2023 – November 2023

MERN Stack Developer Intern

Remote

- Built full-stack web applications using MongoDB, Express.js, ReactJS, and Node.js.
- Collaborated in a team environment to design and implement responsive user interfaces.
- Conducted manual testing to identify and resolve 10+ bugs, ensuring seamless functionality across various devices and browsers.
- Used Chrome DevTools for debugging and performance optimization.
- Verified API integrations using Postman, ensuring accurate data flow between frontend and backend.

CERTIFICATIONS

AWS Certified Cloud Practitioner: Amazon Web Services, January, 2024

Associate Cloud Engineer: Google Cloud, Jan 2024

Internet of Things (IoT): NPTEL, April, 2024

ADDITIONAL INFORMATION

Goldman Sachs Engineering Virtual Program: Analyzed results and proposed improvements to controls and policies related to password cracking and cryptography.

Flipkart GRID 5.0: Achieved Level 1.1 in the E-Commerce and Tech Quiz of the Flipkart GRID 5.0 - Track.

Coding: Solved over 300 problems in C++, maintaining long streaks on LeetCode and GeeksforGeeks.

Health-O-Tech: Runner-Up in the Techno Innovation Rally by Health-O-Tech (September, 2022)

Hobbies: Playing Cricket and Badminton