

MAHEEN SIRAJ

Software Engineer

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SUMMARY

Passionate and detail-oriented Software Engineer with a solid foundation in software development, programming, and system design principles. Proficient in building user friendly and efficient applications using modern technologies like React and Flutter. Through academic projects, internships, and personal endeavors, I have honed my skills in full-stack development, debugging, and software architecture. Constantly exploring new tools and frameworks, I am eager to contribute to innovative software solutions and collaborate in dynamic engineering teams.

WORK EXPERIENCE

JavaScript Intern , Technyx Systems

Aug 2023 - Sep 2023

- Mastered core JavaScript concepts (ES6+, async/await, DOM manipulation) and applied them to develop scalable web applications.
- Built interactive front-end components using React.js, including state management with hooks (useState, useEffect) and props drilling.

EDUCATION

Bachelor's of Software Engineering

2021-2025

NED University of Engineering & Technology | CGPA : 3.879

Relevant Courses: Object Oriented Programming, Data Structures and Algorithms, Software Requirement Engineering, Software Construction & Design, Web Development, Database Management System, Software Quality Engineering, Operating Systems, Software Project Management and Mobile Application Development

TECHNICAL SKILLS

- Frontend:** HTML, CSS, JavaScript, React.js, Flutter
- Backend:** Node.js, Express.js, MongoDB, SQL
- Tools:** Git, RESTful APIs
- Soft Skills:** Team Leadership, Problem-Solving, Time Management
- Certifications:** HTML, CSS & JavaScript (Johns Hopkins University), SQL Essentials (LetsUpgrade), JavaScript & Node.js (LetsUpgrade), React Basics & Advanced (Meta) and Software Project Management (Google)

PROJECTS

1. HeartLens (Flutter, Gemini API)

- Final Year Project: Mobile app to detect STEMI from ECG images using deep learning.
- Implemented PDF report generation with patient understandable diagnostics and visualizations.
- Added personalized health recommendations (meal plans, exercises, avoidable habits) based on user input.

2. BillSavy (MERN Stack)

- Built an energy optimization app with a predictive ML model for electricity bills.
- Integrated MongoDB, Express.js, React, and Node.js for seamless user experience.

3. Eventify (React, Node.js, Gemini API)

- Designed an event-planning chatbot with real-time chat and light/dark mode.

4. FelineFinds (HTML, CSS, JavaScript, PHP, SQL)

- Developed a curated online platform for cat enthusiasts with cats, cat products and veterinary services.

5. Quick Notes (HTML, CSS, JavaScript)

- Created a responsive application for efficient note management across devices.

6. FruitWise (Flutter, REST APIs, Machine Learning)

- Developed a mobile app for fruit identification and allergy detection using ML.

EXTRA CURRICULAR ORGANIZATIONS

Google Developer Group on Campus NEDUET | Lead Marketing

2023-Present

- Organized tech workshops and managed promotional campaigns for developer community events.

VCare Welfare Trust | Information Secretary

2019-Present

- Managed social media content, graphic design, and digital communications for NGO awareness campaigns.

The Nedian's Forum | Mentor Logistics

2022-2024

- Designed and executed decorations/creative elements for mental health awareness events and workshops.