

Mohammed Shahid

📍 Bangalore ✉ mdshahid.mds25@gmail.com ☎ 86606 33473 📱 shahid6174.vercel.app
in mohammed-shahid-68881621b 🌐 Shahid6174

OBJECTIVE

Software engineer with hands-on experience building and maintaining production-grade systems across the software development lifecycle. Skilled in developing scalable applications, solving complex technical problems, and delivering reliable solutions using strong fundamentals in data analytics, system design, and software engineering.

EDUCATION

Degree / Qualification	Institution	Score	Duration
B.E. in Computer Science & Engineering	BMS Institute of Technology & Management, Bangalore	CGPA: 9.3	Nov 2022 – Jun 2026
Diploma in Data Science & Programming	Indian Institute of Technology, Madras	CGPA: 7.2	Sep 2022 – May 2026
Class XII (PUC)	MES Kishora Kendra PU College, Bangalore	94.67%	2021 – 2022
Class X (CBSE)	Army Public School, PRTC	92.5%	2019 – 2020

EXPERIENCE

- Software Engineer I, Sequoia (Bangalore, India)

Apr 2026 – Present

 - Developing and maintaining production-scale frontend applications using **React**, **TypeScript**, and **Redux**, delivering scalable and high-performance user experiences.
 - Collaborating with cross-functional engineering, product, and design teams to build new features, optimize application performance, and improve code quality through testing and refactoring.
- Frontend Developer Intern, Sequoia (Bangalore, India)

Apr 2025 – Mar 2026

 - Contributed to an analytics platform built on **Apache Superset**, implementing frontend features and resolving high-impact issues in a large open-source codebase.
 - Built and optimized reusable UI components using **React**, **TypeScript**, and **Redux**, improving application performance, maintainability, and user experience.

PROJECTS

- EHR CareCrypt: Blockchain-Based, AI-Powered Electronic Health Records System

View Repo

 - Built a production-grade EHR platform using Hyperledger Fabric with immutable, permissioned blockchain records and role-based access control for patients, doctors, insurers, and admins.
 - Implemented AI-driven fraud detection with OCR and pattern recognition, including a 3-strike automated user blocking system.
 - Integrated an Azure OpenAI-powered chatbot with fallback logic, real-time notifications, and multi-role dashboards using React, Node.js, and MongoDB.
- Nyaya-Deep: Revolutionizing Legal Research with Real-Time Case Retrieval

 - Nyaya-Deep uses Retrieval-Augmented Generation (RAG) technology for real-time legal case retrieval.
 - It leverages the Indian Kanoon API and GPT-4 embeddings.
 - It simplifies legal research for the common man, providing accurate, concise legal information and precedents.
- Leet-Lens: Master Your Technical Interview Preparation with Targeted Insights

Check it here

 - Engineered a comprehensive technical interview preparation platform with 1,167 questions categorized by 201 companies and question IDs.
 - Provides insights into question frequency for prioritized study areas, ensuring targeted and efficient preparation.
- AstroShare: Connect, Share, and Explore the Wonders of the Cosmos

Check it here

- AstroShare is a platform for astronomy enthusiasts to share insights about space and cosmic events.
- It allows users to post articles, create events, and view analytics on popular topics, fostering a community-driven approach to space exploration.

Dynamic Ambulance Dispatch System: Smart Emergency Dispatch

[View Repo](#) 

- Efficiently dispatches ambulances for emergencies and non-emergencies based on casualties, road conditions, and patient details.
- It utilizes graph algorithms like Dijkstra's and Floyd-Warshall to calculate shortest paths and optimal routes between emergency locations and hospitals.

SKILLS

Programming Languages: Java, Javascript, Python, Typescript, C/C++, SQL

Web Development Technologies: HTML5, CSS3, React, Redux, Flask

Data Analysis & Machine Learning: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn

Soft Skills: Leadership, Teamwork, Communication, Time Management, Adaptability

EXTRA-CURRICULAR ACTIVITIES

- Served as the primary developer for the Utsaha Vaibhava (college fest) website, which handled thousands of registration redirects across multiple events.
- Participated in the Riddlex Hackathon by Coding Club, BMSIT, achieving a top 2 rank out of 70 teams.
- As a member of the Rotaract Club, volunteered as a mentor in Project Disha, teaching underprivileged students.
- Created and maintained code repositories/notes for relevant subjects to support others in their learning.