MAYANK

Full Stack Developer — MERN

+91 9717554811 mayank26202@gmail.com linkedin.com/mayank-26m github.com/mayank26202

SUMMARY

Full Stack Developer with hands-on experience in building dynamic web platforms, developing responsive user interfaces, and integrating APIs. Skilled in delivering performant, secure, and scalable applications.

EDUCATION

Dr. Akhilesh Das Gupta Institute of Professional Studies 2021 - 2025
Bachelor of Technology in Computer Science (CGPA: 9.050) *New Delhi*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Database Management Systems, Software Engineering, Computer Networks, Operating Systems, Object-Oriented Programming, Advanced Java

Salwan Public School 2019 - 2020
Higher Secondary - CBSE (95.2%) *New Delhi*

EXPERIENCE

StarX Ai Technologies Aug 2025 – Present
Full Stack Developer Intern (MERN) — Onsite *Delhi*

- Developed the StarX University Backend, designing secure RESTful APIs, managing data flow, and ensuring scalability using Node.js and MongoDB.
- Built and deployed RESTful APIs with authentication, role-based authorization, and rate limiting for enhanced performance.
- Integrated frontend with Redux Toolkit, for efficient state management.
- Designed an Admin Dashboard in React.js with dynamic analytics using Chart.js for data visualization.
- Contributed to the "Peggy The Deadpool Coin" blockchain project with over 100 users, optimizing frontend performance and enhancing UI responsiveness.

Tech Mahindra Nov 2024 – Jan 2025
Intern — Onsite *Noida*

- Performed VAPT on 10+ web apps, APIs, and desktop applications.
- Identified and mitigated 15+ critical vulnerabilities (SQLi, JSON Injection, CSRF).
- Utilized Burp Suite, OWASP ZAP, Postman, and Wireshark for traffic analysis.
- Validated 50+ scan results to eliminate false positives and strengthen system security.

PROJECTS

SmartFix - Smart Utility System - *Next.js, Tailwind CSS, Hygraph, Shadcn UI, Descope Auth* - [LINK]

- Built a full-stack platform for society residents to book trusted professionals (electricians, plumbers, etc.).
- Integrated Descope OAuth with NextAuth, securing user sessions with 100% token-based authentication.
- Developed a dedicated provider dashboard for managing bookings, reviews, monthly earnings and society map.
- Built a full admin analytics dashboard using Chart.js and Hygraph GraphQL APIs, showing bookings, peak times, category trends, and more.
- Deployed the platform on Vercel with Git/GitHub for version control and collaborative issue tracking.

Heart Disease Predictor - *Python, Flask, NumPy, Pandas, Scikit-learn* - [LINK]

- Developed a web app to predict heart disease using 14 health parameters.
- Trained a Random Forest model achieving 85% accuracy. and compared multiple ML algorithms (SVM, KNN, etc.).
- Deployed using Flask and validated results using cross-validation and model evaluation metrics.

TECHNICAL SKILLS

Languages : C/C++, Python, JavaScript, HTML/CSS
Frontend : React, Next.js, React Native (Expo), Tailwind CSS, Bootstrap
Backend : Node.js, Express.js, Flask
Databases/CMS : MySQL, MongoDB, PostgreSQL, Hygraph (GraphQL)
Machine Learning : Pandas, NumPy, Scikit-learn, TensorFlow, and Matplotlib
Security Tools : Burp Suite, OWASP ZAP, Postman, Wireshark, Echo Mirage, BinScope, Sigcheck, Process Monitor