Sayam Mahajan

+91-8082956056 | mahajansayam3@gmail.com | linkedin.com/in/sayammahajan8/ | github.com/SayamMahajan

EDUCATION

VIT Bhopal University	Sehore, MP
Bachelor of Technology in Computer Science and Engineering; CGPA: 9.02/10.0	Sep 2022 - May 2026

TECHNICAL SKILLS

- **Programming Languages**: C/C++, SQL, JavaScript, Java, HTML/CSS
- **Web Development**: Node.js, Express.js, React.js, RESTful APIs, WebSockets
- **Databases**: MySQL, PostgreSQL, MongoDB, Redis
- **Tools & Technologies**: Docker, Postman, Git, JIRA, Firebase, OAuth
- **Concepts**: Data Structures, Algorithms, Object-Oriented Programming, Operating System, Computer Networks

EXPERIENCE

Fullstack Web Intern — Dec 2024 - Jan 2025
Edunet Foundation — Remote

- Forged a secure digital wallet from the ground up employing the MERN stack, implementing rigorous authentication protocols and personally writing 3000+ lines of efficient code within a one month timeline.
- Integrated PayPal API for seamless payment processing, enabling deposits, withdrawals, and transactions.
- Build key financial features, including transaction history, money requests, and peer-to-peer transfers.

PROJECTS

Arogyam | *React.js, Node.js, Express, PostgreSQL, Python* | GitHub

- Built a personalized healthcare platform with an AI-powered chatbot, improving user access to healthcare solutions by 45%.
- Integrated Google Fit API to track and analyze users' daily activities, providing actionable health insights and boosting user engagement by 40%.
- Implemented features like home remedies and therapy recommendations, enhancing platform usability and increasing user retention by 30%.

OneClickAway | *React.js, Node.js, Express, MongoDB* | GitHub

- Developed a secure and scalable digital wallet with user authentication, incorporating email verification with OTP, resend functionality, and a forgot password feature, improving login security by 40%.
- PayPal API for real-time transactions, enabling users to send, request, and manage money effortlessly, reducing transaction processing time by 35%.
- Designed an interactive graphical dashboard to track transaction history, enhancing financial transparency and user engagement by 30%.

Swaasthya | *Golang, React.js, PostgreSQL, Redis* | GitHub

- Developed a scalable healthcare management platform to optimize patient flow, bed availability, and medical inventory, improving hospital efficiency by 30%.
- Implemented real-time tracking for bed management and emergency preparedness, reducing response time to critical situations by 35%.
- Integrated 2-factor authentication (OTP-based) and multilingual support, enhancing security and accessibility for diverse hospital environments.

ACHIEVEMENTS

- Collaborated with a team of six, each dedicating 10 hours per week for 4 weeks, to build an OPD queuing model that secured a spot in the top 40 at the Smart India Hackathon 2024.

CERTIFICATIONS

- **The Bits and Bytes of Computer Networking - Google** (Coursera)
- **Cloud Computing** (NPTEL)
- **AWS Educate** – 4 Badges