

# Sayam Mahajan

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## EDUCATION

### VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering; CGPA: 9.02/10.0

Sehore, MP

Sep 2022 - May 2026

## TECHNICAL SKILLS

- **Programming Languages:** C/C++, SQL
- **AWS & Cloud:** EC2, S3, Lambda, DynamoDB, RDS, and more
- **Web Development:** Node.js, Express.js, RESTful APIs
- **Tools & Technologies:** Docker, Kubernetes, Postman, Git
- **Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Operating System

## CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate** (AWS)
- **AWS Certified Cloud Practitioner** (AWS)
- **IBM DevOps, Agile and Design Thinking** (IBM)
- **Cloud Computing** (NPTEL)

## PROJECTS

### Arogyam | *React.js, Node.js, Express, PostgreSQL, Python* | [GitHub](#)

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

### 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.
- PayPal API for real-time transactions, enabling users to send, request, and manage money effortlessly, reducing transaction processing time.
- Designed an interactive graphical dashboard to track transaction history, enhancing financial transparency and user engagement.

### Automated Receipt Processing System | *Lambda, S3 Bucket, DynamoDb, Textract, SES* | [GitHub](#)

- Developed a serverless system using AWS (Lambda, S3, Textract, DynamoDB, SES) to automate receipt processing, extraction, storage, and email notifications.
- Enabled real-time data extraction from receipts via Textract, reducing manual entry and improving accuracy.
- Structured and stored extracted data in DynamoDB for efficient querying, with automated alerts via SES.

## 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.

## ACHIEVEMENTS

- Developed OPD queue optimization system that reduced patient wait times, earning selection among VIT Bhopal's finalists for SIH 2024.