

Harsh Markandey

<https://github.com/markharsh7>

Email : markharsh70@gmail.com

Mobile : +91-8989505630

EDUCATION

- **VIT Bhopal University** Bhopal, M.P
Bachelor of Technology in Computer Science; CGPA: 7.79 Aug. 2022 – Apr. 2026
- **Choithram School** Indore, M.P
Higher Secondary Certificate (HSC); CGPA: 8.00 July. 2022

PROJECTS

- **Chaupal - Web Platform for Women Self-Help Group's Operations and Communication.**
In-progress project
 - Designed and developed a web platform to help women self-help groups manage records, request inter-group loans, propose meeting agendas, and communicate through a centralized group chat to address organizational challenges.
 - Developing a responsive frontend using React.js, building backend with Node.js and Express.js, and integrating MongoDB and SQL databases to ensure data management, system reliability, and scalability.
 - Implementing role-based access control, real-time chat using Socket.io, and CRUD operations with RESTful API standards. The project is currently under development.
- **Cryptic Cli**
Cryptocurrency Portfolio Management CLI Application
 - Identified the challenge of managing cryptocurrency investments across exchanges. Developed a command-line application to streamline portfolio management and improve efficiency.
 - Designed and implemented functionality to fetch real-time cryptocurrency data from APIs, manage portfolios across exchanges, and calculate value changes for each currency over time using Node.js.
- **Pysnippet**
Code Snippet Management Tool in Python
 - Developed a Python-based, MongoDB-backed solution for efficient storage and retrieval of code snippets and reusable text as key-value pairs, automating clipboard functionality to enhance developer workflows and streamline content access.
- **OTP Authentication Microservice**
Implemented a microservice for otp authentication
 - Designed and implemented a scalable microservice in Golang for OTP authentication using Twilio Send OTP API, ensuring secure user verification with high reliability and minimal response times.

COURSES

- **NPTEL Cloud Computing (IIT kharagpur):** Fundamentals of cloud architecture, deployment models, and cloud services.
- **Bits and Bytes of Computer Networking (Google):** Understanding of network protocols, IP addressing, and secure communication fundamentals.
- **Data Structures and Algorithms – [VIT Bhopal University]:** Studied foundational Data Structure concepts with an emphasis on algorithmic problem-solving

EXTRACURRICULAR ACTIVITIES

- **Tech Team Member – HealthoTech Club (Bioinformatics Club):**
Contributed to technical operations, including digital resource development and platform management, to enhance member engagement and promote knowledge-sharing.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, Typescript, C++, SQL, Golang, Bash
- **Technologies:** AWS, Nodejs, Puppeteer, Git, Docker, RESTful APIs, React, MongoDB, Linux