

Amit Athiya

B.Tech. –Electronics & Communication Engineering

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Neelbad, Bhopal, Madhya Pradesh, India – 462044

Career Objective

I am looking forward to a challenging environment, where I can refine my skill and expand my knowledge for the dynamic growth of the organization.

Education

Sagar Institute of Science Technology & Research, Ratibad Campus, Bhopal - MP

B.Tech. – Electronics & Communication Engineering | CGPA: 7.23 / 10 (2021-2025)

Govt. Boys H. S. School Banda, Sagar, Madhya Pradesh

12th | MPBSE | 66.2% (2021)

Govt. Boys H. S. School Banda, Sagar, Madhya Pradesh

10th | MPBSE | 63.2% (2019)

Internship

Intern – Embedded System Research Intern

Drmz System Innovations Pvt. Ltd. | Bhopal, Madhya Pradesh, India

July 2024 – Present

Key Skills: *IOT *MERN Stack Web Development *Firebase

Description:

- Developed a web-based real-time monitoring system using Firebase and WebSocket.
- Optimized frontend and backend performance to enhance user experience and system responsiveness.
- Worked on embedded systems projects, focusing on RS-485 communication protocols and motor control.
- Collaborated with a skilled team to enhance hardware efficiency by integrating advanced features.

Project Details

Project - 1: Virtual Hospital Platform

Key Skills: Frontend: - CSS, JavaScript, Bootstrap, EJS, **Backend:** - Nodejs, Express, Socket.IO, Map API,

Database: - MongoDB.

Description: A Virtual Hospital Platform harnesses technology to provide accessible healthcare services, including basic diagnostics, prescription issuance, and guidance on nearby clinical facilities. It aims to address the challenges posed by limited access to medical professionals and healthcare infrastructure, offering solutions for both urban and rural communities.

Link: <https://virtual-hospitalps.onrender.com/>

Project - 2: Avatar Bot Platform

Key Skills: Frontend: - CSS, JavaScript, Bootstrap, EJS, **Backend:** - Nodejs, Express, WebSocket, Chart.js

Database: - MongoDB, Firebase (Real Time Database)

Link: <https://avatarbotwebapp.onrender.com/>

Description: Avatar Bot Platform is a real-time, responsive application integrating WebSocket for live sensor data updates and device control. It features dynamic UI elements for seamless device management, Chart.js for visualizing sensor data, and database integration for storing historical data with CRUD functionality. This project highlights expertise in real-time communication, backend integration, and interactive web development.

Project - 3: Wanderlust – Travel & Stay Marketplace

Key Skills: **Frontend:** - CSS, JavaScript, Bootstrap, EJS, **Backend:** - Nodejs, Express, Map Box API, **Database:** - MongoDB.

Description: Wanderlust is a travel booking platform like Airbnb, allowing users to book hotels worldwide. Features include interactive maps, secure bookings, user ratings, and property management for hosts. With multi-currency pricing (USD & INR) and strict data verification, it ensures seamless and secure experience. Visit the live project for more details.

Link: <https://wanderlust-uvif.onrender.com/>

Key Technical Skills

*Git & GitHub *MERN Stack Development *Embedded System & IOT *SQL & MongoDB

Workshops | Certifications

- Completed online certification course **Full Stack Web Development** from **Apna College**.
- Participate in **SIH 2k24** Organized by SISTec-R, Bhopal.

Co-Curricular Activities

- Won first prize in Drama Competition in Euphoria 2k23 at SISTec-R, Bhopal (MP).

Areas of Interest

* Listening to music

Personal Details

Date of Birth : 09/01/2004
Father's Name : Mr. Sukhlal Athiya
LinkedIn : <https://www.linkedin.com/in/amit-athiya-b7ba0b229/>
GitHub : <https://github.com/Amit999github/>
Portfolio : <https://amit-athiya-portfolio.netlify.app/>