

Shubham Singh

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LinkedIn GitHub Portfolio Twitter

PROFILE SUMMARY

Passionate MERN stack developer with a focus on building dynamic, user-centric applications. Skilled in problem-solving, adaptability, and collaborative development, bringing innovative solutions and a commitment to excellence. Always eager to learn, improve, and deliver high-quality projects.

EDUCATION

Master of Computer Application, Madan Mohan Malaviya University of Technology, Gorakhpur 10/2022 – 07/2024 | Gorakhpur, India
8.34 CGPA

Bachelor of Science (Hons.), Banaras Hindu University 07/2019 – 05/2022 | Varanasi, India
7.96 CGPA

PROFESSIONAL EXPERIENCE

Software Developer, Ayanshtech Solutions
07/2024 – present | Noida, India

- Developing **full-stack web applications** using **MongoDB, Express, React, and Node.js (MERN stack)**.
- Building **RESTful APIs** to facilitate data exchange between the **frontend** and **backend**.
- Managing **authentication, authorization, and security** features (e.g., **JWT, OAuth**).
- Integrating third-party **APIs** and optimizing **backend** performance.
- Implementing **frontend features** using **React, Redux, and state management**.
- Collaborating with cross-functional teams, including product managers and designers, to create a seamless user experience.
- Maintaining **version control** using **Git** and deploying applications on **cloud platforms**.
- Debugging, testing**, and optimizing code for **performance** and **scalability**.

ACHIEVEMENT

HackerRank

- Badges- **JAVA (5 Star)**, **C++ (5 Star)**, **Problem Solving (5 Star)**, **SQL (4 Star)**. Solved 250+ problems.

LeetCode

- Solved 250+ problems

GFG (GeeksforGeeks)

- Solved 200+ POTD

CERTIFICATES

Problem Solving (Basic) — HackerRank

JavaScript (Basic) — HackerRank

Java for Beginners — Udemy

SQL (Basic) — HackerRank

SKILLS

Programming Languages:

Java, C/C++, HTML, JavaScript, Python

Databases:

MySQL, MongoDB

Frameworks/Libraries:

React.js, Redux, Node.js, Express.js, Tailwind CSS, Bootstrap

Version Control & Scripting:

Git, GitHub, Linux, Bash Shell Scripting

API Testing & Authentication:

RESTful API, JWT Authentication, OAuth, Postman, Insomnia

Core Subjects:

DBMS, Operating System, Computer Network, Software Engineering, Data Structure & Algorithm

PROJECTS

Life Navigator (Averti Systems), Ayanshtech Solutions
08/2024 – present

- API Development & Integration:** Designed and implemented **REST APIs**, ensuring efficient data management and seamless interaction between the frontend and backend.
- AI Automation:** Integrated **n8n** to automate task creation and scheduling, syncing requests with **Google Calendar** for real-time tracking.
- AI Voice Assistant:** Implemented an interactive voice assistant using **HeyGen API** and **OpenAI API**, enabling real-time task execution and intelligent responses based on user inputs.
- Frontend Development:** Built a dynamic and responsive UI using **React, Redux, and Material-UI**, ensuring a smooth user experience.

Technology Stack: React, Redux, Material-UI, REST API, n8n, HeyGen API, OpenAI API, Google Calendar Integration,

Job Portal Application

07/2024 – 09/2024

- Developed a fully functional job portal web application using **Node.js, Express.js, and MongoDB**, following the **MVC** architecture for clean and maintainable code.
- Implemented authentication with **JWT** and password hashing for user credentials, reducing vulnerabilities.
- Designed and deployed comprehensive User and Job **APIs**, including job posting, search, application, and user management features.
- Integrated real-time job filtering and statistics, allowing users to filter jobs based salary, location, and job type.

Blogging Website

04/2024 – 06/2024

- Built a dynamic blogging platform using the **MERN stack (MongoDB, Express.js, React, Node.js)** for high performance and scalability.
- Designed and optimized a **MongoDB** database to manage user profiles, blog posts, and comments efficiently.
- Developed a secure backend with **Node.js** and **Express.js**, including **RESTful APIs** for **CRUD** operations, user authentication, and session management.
- Created a responsive and interactive frontend using **React, React hooks**, and **Redux** for state management.