

Yaman Raj Singh

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PROFILE

Skilled Full-Stack Developer with expertise in MERN stack development. and React Native for Android application development. Possesses strong problem-solving skills with a solid foundation in Data Structures and Algorithms (DSA) using C++. Passionate about implementing and launching new projects. Seeking to begin my career as an entry-level software engineer with a reputed firm driven by technology.

EDUCATION

Master of Computer Application

Madan Mohan Malaviya University Of Technology, Gorakhpur

CGPA: 8.79/10

11/2022 – 07/2024

SKILLS

- Languages: C/C++, Java, JavaScript, HTML/CSS
- Databases: SQL, MongoDB, MySQL
- Other: Git, Github, VS Code, Postman, RESTful API
- Frameworks/Libraries: React.js, Node.js, Express.js, Firebase, React-Native, Redux
- Core Subjects : DBMS, OOPs, Data Structure and Algorithm, Operating System, Computer Network, Software Engineering

PROFESSIONAL EXPERIENCE

Web Developer Intern

Back-end Developer Intern

Code Clause

05/2023 – 06/2023

- The robust user authentication system reduced unauthorized access incidents by 30%, enhancing overall data security
- Implemented user registration and login functionalities, passwords were securely hashed using Bcrypt before being stored in MongoDB.
- Integrated JWT for authentication, generating tokens upon successful login and verifying them for protected routes.
- Technologies Used: JavaScript, Node.js, Express.js, MongoDB, JSON Web Tokens(JWT)

PROJECTS

Job Finding Android App (React Native, Firebase, Node.js)

05/2024 – present

- Developed an Android application using React Native and Firebase to streamline job search and recruitment processes.
- Implemented user and recruiter registration/login functionality, managed user profiles (data, profile pictures, resume building), and enabled recruiters to manage job postings (add, update, delete and post).
- Facilitated job search, application tracking, saving functionalities and apply the jobs for job seekers.
- Planned future enhancement: AI-driven interview preparation tools for job seekers.

E -Commerce Dashboard (MongoDB, Express.js, React, Node.js)

10/2023 – 11/2023

- Integrated CRUD operations for product management like addition, updating, and deletion of products.
- Implemented JWT and Bcrypt for secure user login and password hashing.
- Designed and developed responsive and user-friendly interfaces using React.
- Developed RESTful APIs using Express.js and Node.js to handle server-side logic and interact with the frontend.

Book-Store App (React.js , Firebase)

02/2024 – 03/2024

- Implemented Google Authentication for secure user sign-in using Firebase Authentication using React.js
- Integrated Firebase Realtime Database to manage book listings, user profiles, and order data.
- Created a responsive and intuitive user interface for browsing books, and completing purchases using bootstrap
- Overcame challenges in integrating Google Authentication with Firebase services to ensure seamless user experience.

Gym Management System (Java , Swing , JDBC , MySQL)

05/2022 – 06/2022

- Designed and implemented a gym management system using Java Swing for the user interface and SQL for the database.
- Implemented CRUD operations (Create, Read, Update, Delete) for managing member in the database.
- Integrated Java application with SQL database using JDBC for seamless data communication.
- Included features for tracking payment status and history, allowing administrators to monitor member payments and outstanding balances.

CERTIFICATES

Software Engineer Intern  (Hackerrank) | Java for Beginners  (Udemy) | JavaScript (Basic)  (Hackerrank) | Go lang 
(HackerRank) | Problem Solving  (HackerRank) | Java Developer Intern (Code Clause)

ACHIEVEMENT

3rd Rank in Computer Society of Software Engineers(CSSE), MMMUT in Coding Contest

- **Leetcode**: 6 Star and Solved 450+ problems and gained 8 badges
- **Hacker Rank**: Earned Badges in Problem Solving DSA (6 Star), C++ (5 Star), SQL (4 Star)
- **GeeksForGeeks**: Achieved GFG-bag and T-shirt , Solved 120+ Problems