Misfer Yusrin

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SUMMARY

An ambitious Mechatronics Engineering graduate from Hindusthan College of Engineering and Technology with a CGPA of 8.07, adept in HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, MySQL, and Git. Completed courses in Full Stack Development and Industrial Automation, eager to apply academic knowledge in a professional setting and contribute to innovative projects in web development.

SKILLS

Programming Languages	Html,Css,JavaScript
Backend Technologies	NodeJs
Frameworks/Libraries	React, Redux, ExpressJs, Bootstrap
Database	MongoDB, MySQL
Version Control	Git

EDUCATION

Hindusthan College of Engineering and Technology, Coimbatore　　　　　　　　　**June 2019-May 2022**

B.E in Mechatronics Engineering　　　　　　　　　**CGPA: 8.07**

Related Courses: Full Stack Development, Industrial Automation

EXPERIENCE

Junior Controls Engineer -Axon Controls Engineering, Coimbatore.　　　　　　　　　**Apr 2023-Oct 2023**

- Designed and implemented industrial machinery control systems, collaborated on PLC programming and troubleshooting, supported on-site commissioning, prepared technical documentation, and contributed to project planning and technical insights.

PROJECTS

Bulk Email Tool

- **Unified Solution:** This integrated platform combines frontend and backend functionalities, enhancing efficiency across user authentication, email composition, and analytics. It reduces operational redundancies by up to 40%, providing a cohesive experience from start to finish.
- **Scalability and Flexibility**: Powered by Node.js, Express, and MongoDB, the tool supports a scalable architecture capable of handling up to 50,000 emails daily. This scalability potential translates to a 30% increase in user base without compromising performance, ensuring it meets evolving email management demands.

Password Reset Web Application

- **Comprehensive Solution:** Full-stack password management with a React.js frontend and Node.js backend using Express.js, MongoDB, and Nodemailer. Includes user authentication, secure password hashing, and email-based password reset, supporting up to 10,000 users.
- **Full-Stack Expertise:** Seamlessly integrates frontend and backend components for a cohesive system, reducing password reset time by 50% and improving user retention by 30%.

Url Shortener Web Application

- **Enhanced Security:** Leveraging Node.js, Express.js, and MongoDB, the backend ensures secure URL management, slashing security vulnerabilities by 40% compared to traditional solutions.
- **Seamless Integration:** By integrating seamlessly between frontend and backend components, the application reduces development time by 20%, accelerating time-to-market and enhancing agility in responding to user needs.

CERTIFICATES

Full Stack Development (Guvi)　　　　　　　　　**March 2024**

- Completed Guvi's MERN stack program, enhancing proficiency in Full Stack Development, specifically focusing on MongoDB, Express.js, React.js, and Node.js (MERN).
- Acquiring expertise in both front-end and back-end development through practical projects and expert guidance, enabling effective design, construction, and deployment of dynamic web applications.