

Md Zubair Saleem

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SUMMARY

Computer Science graduate and aspiring Software Development Engineer with a strong foundation in full-stack development, backend systems, and cloud infrastructure. Skilled in building scalable web applications, integrating APIs, and optimizing performance. Experienced with Agile workflows and eager to contribute technical expertise while continuously learning emerging technologies.

EDUCATION

CMR Institute of Technology
B.E. Computer Science, CGPA: 7.5/10

Bengaluru, India
Dec 2021 – Jun 2025

SKILLS

- **Languages:** C, Python, Java, SQL, JavaScript
- **Frontend:** HTML, CSS, React.js, Tailwind CSS
- **Backend:** Node.js, Express.js, Flask, Django
- **Databases:** MongoDB, MySQL, Firebase
- **Cloud Platforms:** AWS, Azure, Google Cloud, Vercel, Render
- **DevOps Tools:** Docker, Kubernetes, GitHub Actions, CI/CD
- **Other Tools:** Git, GitHub, Postman, VS Code

EXPERIENCE

Software Developer Intern

Dec 2024 – May 2025

AI Tech Solutions, Bengaluru

- Developed and optimized secure REST APIs with authentication and role-based access control using Node.js and Express.
- Built responsive frontend features with React.js and integrated them with backend APIs for seamless user experience.
- Designed and deployed microservices with Docker and Kubernetes on AWS, while ensuring CI/CD automation using GitHub Actions.
- Configured and monitored cloud infrastructure through AWS RDS and MongoDB Atlas, improving system reliability and scalability.
- Collaborated in Agile teams, performed code reviews, and conducted user testing to ensure delivery of high-quality features.

PROJECTS

Food Ordering with Diet Recommendation

Live Demo | MERN Stack, Google Gemini, Stripe

- Built a dynamic food ordering platform with personalized diet plans using Google Gemini for AI-driven recommendations.
- Designed the backend with Node.js and MongoDB for real-time order management and user data handling.
- Integrated Stripe for processing payments, JWT for authenticating users, and deployed using Vercel (frontend) and Render (backend).
- Used MongoDB Atlas for storing dietary info and order history with schema validation.

Multiple Disease Prediction System

Live Demo | Python, Streamlit, Scikit-learn

- Developed a predictive model for critical diseases using Scikit-learn.
- Implemented logistic regression, SVM, and random forest; integrated with a Streamlit UI for real-time results.
- Enabled CSV upload support and visual feedback, achieving above 90% accuracy on test datasets.
- Deployed the app on Streamlit Cloud for accessibility.

Learning Management System (LMS)

Live Demo | MERN Stack

- Built an LMS with Course Creation, Upload, and Purchase functionality.
- Implemented JWT-based role authentication for students, instructors, and admins.
- Deployed backend on Render and frontend on Vercel with GitHub Actions auto-deploy.
- Designed dashboards for admins, instructors, and students.

CERTIFICATIONS & ACHIEVEMENTS

- Secured 2nd Prize in College exhibition for Student Management System.
- AWS Cloud Essentials Certification – demonstrated proficiency in fundamental cloud concepts and AWS services.
- Completed CS50x: Introduction to Computer Science (Harvard University, edX).
- Certified in DevOps by Intellipaat Academy.