

Madhav Sameer

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Professional Summary

Innovative software developer with expertise in full-stack development, focusing on back-end technologies and Python. Skilled in architecture, deployment, and security with a proven track record in collaborative environments and effective communication. Adept at solving complex issues and staying updated with industry trends.

Education

B.Tech in Computer Science and Engineering

09/2021 - Present

Centurion University of Technology and Management

- CGPA: 8.56

- Relevant coursework: Data Structures, OOP, DBMS, Networking

Skills

Languages: Java, JavaScript, Python, C/C++

Web Development: React.js, Angular, HTML, CSS, Bootstrap, Tailwind CSS, Node.js, Spring Boot

Databases: MongoDB, Firebase, MySQL, PostgreSQL, SQL

Tools: Git, GitHub, Postman, VS Code

Best Practices: Performance, Scalability, Security, Clean Code, Deployment

Miscellaneous: Team Collaboration, Leadership, Problem Solving, Communication Skills

Focus Areas: Full Stack, Front-End, Back-End, BASIC Implementation, Collaborative Projects

Version Control: Git

Development Lifecycle: Agile, SCRUM

User Experience: UX Design

Innovation: Solutions-oriented, Product Development

Projects

Online Tutorial System (UpTurn)

Deployed

11/2023 - 04/2024

- Full-stack system with Spring Boot and React.js. Enhanced user engagement by 30%.
- Integrated Google Calendar API, reducing admin workload by 20%.
- Optimized file storage with MongoDB GridFS, improving efficiency by 40%.

Cloud Kitchen & Hotspot Restaurant (CookKarlo)

Deployed

07/2024 - 09/2024

- MERN stack platform with JWT authentication. Increased orders by 25%.
- Enhanced scalability, reducing server load times by 30%.
- Improved user satisfaction by 40% through feedback-driven updates.

Personal Blogging Application (Madhav's Blog)

Deployed

05/2024 - 07/2024

- MERN stack platform with Firebase. Boosted engagement by 50%.
- Improved mobile traffic by 25% with responsive design.
- Increased content creation by 35%.

Experience

Web Development Intern - Oasis Infobyte

Remote

01/2024 - 02/2024

- Developed real-time chat with Socket.io. Improved interaction speed by 25%.
- Implemented MongoDB and Cloudinary for file storage, reducing load times by 15%.
- Enhanced project efficiency by 20% through team collaboration and issue resolution.

Web Development Intern - CodSoft

Remote

11/2023 - 12/2023

- Created portfolio and weather app. Increased site traffic by 30%.
- Integrated OpenWeather API, enhancing forecast accuracy by 20%.
- Improved site responsiveness by 20% through effective version control and deployment.

Certifications

Frontend Development by META - Certificate

Software Development Essentials by Microsoft & LinkedIn - Certificate

AI & Web Development Fundamentals by IBM SkillsBuild - Certificate

Achievements

Smart India Hackathon (SIH) 2023 & 2024

- 1st Rank in University Internal Hackathon (Robotics)

Google Cloud Arcade Program

- Completed courses on Google Cloud Computing and earned badges