

# Shimaila Hanif

📍 Vidisha (M.P.)    ✉ hshimaila@gmail.com    ☎ 9575995421    🌐 hshimaila    in Shimaila Hanif

## Objective

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A highly motivated and tech-savvy engineering student with strong foundations in full-stack development, IoT, and data-driven solutions. Skilled in designing, developing, and deploying web and software applications, seeking opportunities in the technology domain to contribute to innovative projects and enhance technical expertise.

## Education

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B.Tech in Internet of Things June 2026  
Samrat Ashok Technological Institute, Vidisha  
CGPA: 8.49 / 10

## Technical Skills

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**Frontend Development:** React.js, HTML5, CSS3, JavaScript, Bootstrap  
**Backend & APIs:** Django REST Framework, Axios, Firebase  
**Programming Languages:** C++, Python, Java  
**Database:** PostgreSQL, MySQL, MongoDB  
**Tools & Platforms:** Git, GitHub, VSCode, Netlify, Render  
**Other:** UI/UX Design, Figma, Linux Shell, IoT Protocols

## Projects

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### Hostel Management System – Full Stack Web App

[github.com](#) 

*React.js, Django REST Framework, PostgreSQL*

- Developed a full-stack web application for hostel management using **React.js** for frontend and **DRF** for APIs.
- Implemented **role-based login** and secure access for students, wardens, and matrons.
- Used **Axios** for data fetching and **React Router + hooks** for dynamic routing and state updates.

### GridMirror – EHV Digital Twin

[github.com](#) 

*React.js, Django, AI/ML*

- Developed a digital twin for high-voltage substations with AI/ML-based system monitoring and predictions.
- Implemented real-time data visualization and predictive alerts for maintenance decisions.
- Handled frontend development in React.js and integrated with Django backend.

### FinAid – Financial Assistance Platform

[github.com](#) 

*React.js, Node.js, MongoDB*

- Built a platform for middle-class families to manage finances, track spending, and get investment suggestions.
- Developed budgeting, tracking, and insights features using React.js frontend and Node.js backend.
- Ensured responsive design, data visualization, and smooth user experience.