

ASHLEY MATHIAS

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Education

Institute of professional Studies Academy, Indore

Bachelor of Technology

Oct 2022 – June 2026

Indore, Madhya Pradesh

Relevant Coursework

- Data Structures
- Learning Front-end
- Natural Language Processing
- Deep Learning
- Database Management
- Artificial Intelligence
- Machine Learning

Experience

Freelancer Web Developer

Student (Fresher)

May 2024 – present

Indore, Madhya Pradesh

- Designed and implemented full-stack web applications, ensuring seamless Front-end Operation. Used technologies like React.js for dynamic and responsive user interfaces.
- Integrated machine learning algorithms into web applications to provide intelligent features such as predictive analytics, personalized recommendations, and automated decision-making processes.
- Managed MySQL databases, ensuring efficient data storage and retrieval processes. Developed and optimized SQL queries to handle complex data requirements.

Projects

PrayerConnect | *Python, HTML, CSS, JavaScript, Machine Learning*

May 2024 –present

- * Developed a web application designed to facilitate a supportive community platform for prayer requests and spiritual engagement.
- * Utilized React.js to create a dynamic and responsive user interface. Implemented features such as user authentication, prayer request submission, and community forums for discussions.
- * Managed and optimized a MySQL database to store user profiles, prayer requests, comments, and community interactions. Designed the database schema to support scalability and performance.

HealthAlert Application(Still Developing) | *Python, HTML, CSS, JavaScript, Machine Learning*

July 2024

- * Developing a Health alert application aimed at improving patient care by sending regular reminders for checkups and tests. Collaborated with a team to deliver a comprehensive and user-friendly solution.
- * Designed the user interface using HTML, CSS, and JavaScript, focusing on accessibility and ease of use for patients and healthcare providers. Implemented features such as appointment scheduling, alert settings, and user profiles.
- * Implemented a notification system to send alerts via SMS and email. Integrated with third-party APIs to handle messaging and email services, ensuring timely delivery of reminders.

Technical Skills

Languages: Python, HTML/CSS

Developer Tools: VS Code, Eclipse, Replit

Technologies/Frameworks: GitHub, WordPress

Leadership / Extracurricular

Fraternity

Team Member

April 2024 – Present

IPS Academy, Indore

- TED TalksEvent Organizer: Played a key role in organizing and coordinating a TED event, managing logistics, speaker arrangements, and promotional activities. Ensured the event ran smoothly and was well-received by attendees.
- Hackathon Participation: Actively participated in multiple hackathons, showcasing problem-solving skills and innovative thinking. Collaborated with teams to develop creative solutions and applications, earning recognition for technical proficiency and teamwork.