Aishwary Pathak

Full Stack Developer I B.TECH | Computer Science

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HACKATHON EXPERIENCE

MoonHacks Hackathon – Medi-Caps University | *Full-Stack*

- Built a **Club Management System** using the **MERN Stack (MongoDB, Express.js, React.js, Node.js)** with **RESTful APIs** to streamline event coordination and automate volunteer credit allocation.
- Utilized **NoSQL database (MongoDB)** for flexible storage and efficient querying, ensuring **scalability** and reliability for growing club operations.
- Designed a **responsive, full-stack application** with secure role-based access, improving accountability and reducing organizers' manual workload by automating contribution tracking.
- Applied **agile collaboration practices** and modular **API-driven development**, delivering a maintainable system that enhanced transparency, efficiency, and volunteer engagement.

EDUCATION

School : Annie Besant School (CBSE)

- **Class: 10th Scored 70%**

- **Class 12th Scored 70%**

2020

College: Shri Vaishnav Vidyapeeth Vishwavidyalaya

- **B.TECH in computer science and engineering.**

2022

PROJECTS

2022-2026

Backend Projects:

Chat Web Application   [**Demo Video**](#)

- Designed and developed a **full-stack Chat Management System** using **MongoDB, Node.js, Express.js, and JavaScript**, showcasing strong **database connectivity** and **API-driven development**.
- Implemented complete **CRUD operations** with **RESTful APIs** to enable secure creation, retrieval, update, and deletion of conversations, ensuring **scalability** and maintainability.
- Built a **responsive front-end** (HTML, CSS, JavaScript) integrated with a **scalable backend architecture**, delivering a modern **UI/UX** and smooth user interaction.
- Optimized for **real-time communication**, **performance efficiency**, and **security**, making the system adaptable for **enterprise-grade applications** and future enhancements like authentication and role-based access.

Employee Management System

- Developed a **full-stack application** using **Node.js, Express.js, and MySQL**.
- Implemented **CRUD operations** with **RESTful APIs** for employee and department data.
- Integrated **role-based authentication** ensuring **data security and access control**.
- Designed **relational database schema** with optimized SQL queries for scalability.
- The project's running on a MySQL backend with **RESTful APIs** — performing operations like Add, Edit ,Delete user from a table. Demonstrating the **GET ,POST, PATCH** requests.

Frontend Projects:

Interactive Front-End Website (OPTIMISED FOR PC VIEW)   **See Project**

- Built a **responsive, scalable front-end application** using **HTML, CSS, JavaScript,** optimized for **performance and cross-browser compatibility**.
- Implemented **GSAP.js animations** and **Locomotive.js smooth scrolling** to deliver an **interactive, modern UI/UX** with enhanced **user engagement**.

To-Do List Web App (Deployed on Netlify)   **See Project**

- Revolutionized the To-Do List application's interface by integrating fluid animations and transitions, resulting in a significant 15% increase in daily active users after the update's deployment..
- Enhanced **user interaction** with intuitive UI flow and added **smooth UI feedback** (e.g., add-task transitions) for increased **user engagement**.
- Leveraged **performance optimization** techniques (e.g., minimal DOM updates, local persistence) to ensure a **fast, scalable, and maintainable** application foundation.

Fullstack Project (Multifunctional)

GLOBEHOPPER (Currently working upon)

- Engineered a **next-gen travel accommodation platform** that connects explorers with unique stays worldwide.
- Designed **dynamic multi-page architecture** enabling users to **search and book** in real time.
- Applied **modular coding principles**, ensuring **scalability, reusability, and seamless future integrations**.
- Crafted a **responsive, intuitive UI** delivering an immersive booking experience across devices.
- Implemented **robust backend workflows** for secure booking management, authentication, and user communication.

SKILLS

- **Frontend**: HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Tailwind, Bootstrap
- **Backend**: Node.js, Express.js, REST APIs, Authentication
- **Databases**: MongoDB, Mongoose, **SQL (MySQL)**
- **Full-Stack**: MERN (MongoDB, Express.js, React.js, Node.js) – scalable apps
- **Collaboration**: Git, GitHub, CI/CD, Agile methodologies
- **Strengths**: Excellent spoken English, strong communication, problem-solving, presentation skills.

Certifications (Relevant ones)

Fullstack Development certificate from **APNA COLLEGE.**

Introduction to generative AI from **Google Cloud** React

Certification from **Simplilearn.**

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