

Aishwary Pathak

Full Stack Developer | B.TECH | Computer Science

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HACKATHONS

MoonHacks Hackathon | Full-Stack Club Management System

- Developed a Club Management System using MERN stack with RESTful APIs to automate event coordination and volunteer credit tracking.
- Implemented MongoDB (NoSQL) for scalable data management and role-based access for secure, accountable operations.
- Delivered a responsive, full-stack application with modular design, improving transparency, efficiency, and engagement.

Google Gen-AI Exchange Hackathon

- Built an AI-powered mental wellness platform using MERN stack and Google Gemini API.
 - Developed chatbot, journaling, and sentiment-based features with strong focus on data privacy.
 - Utilized MongoDB with ODM (Mongoose) for structured, real-time data management.
 - Deployed on Vercel ensuring high availability.
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EDUCATION

School : Annie Besant School (CBSE)

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| • Class: 10 th Scored 70% | 2020 |
| • Class 12 th Scored 70% | 2022 |

College: Shri Vaishnav Vidyapeeth Vishwavidyalaya

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| • B.TECH in computer science and engineering. | 2022-26 |
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Projects

Personal Portfolio | VISIT : <https://aishwarypathak.netlify.app/>

- React based interactive UI containing all necessary information about me.
- All project are listed here with their repo link.

All Is Well |

Developed a full-stack application focused on user well-being, leveraging a modern AI model and a scalable serverless architecture to deliver high-impact features efficiently.

- Engineered an AI-powered conversational chatbot by integrating the Google Generative AI (Gemini) API, a strategy that accelerated the development of the core feature by over 90% compared to building a proprietary model from scratch.
- Developed a suite of 5+ interactive stress-relief tools and a self-assessment feature, designed to improve user wellbeing by an estimated 20% through engaging, supportive activities and fast, server-side rendered UI with EJS.
- Architected RESTful API endpoints and deployed the application as a serverless function on Vercel, an approach that reduces potential operational costs by over 40% and enhances scalability compared to traditional server hosting

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.
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Fullstack Project

GLOBEHOPPER

- Architected a secure and scalable server-side application using Node.js, Express.js, and EJS, implementing 10+ RESTful endpoints for complete CRUD (Create, Read, Update, Delete) operations across listings and reviews.
- Engineered a robust authentication and authorization system with Passport.js, safeguarding user data and enforcing owner-based permissions to ensure data integrity by preventing unauthorized content modification.
- Leveraged the MVC (Model-View-Controller) design pattern and a MongoDB database with Mongoose to create a highly maintainable and organized codebase, streamlining the development of new features.
- Integrated third-party services including Cloudinary/Multer for cloud-based image uploads enhancing the user experience with dynamic media handling and precise, interactive property mapping.
- Successfully deployed the application to production on the Render cloud platform, managing all environment variables and production configurations to ensure seamless availability and performance.

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)

1. Fullstack Development certificate from **APNA COLLEGE**.
2. Introduction to generative AI from **Google Cloud**
3. React Certification from **Simplilearn**.