

Shivam Mourya

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PROFESSIONAL PROFILE

Full-Stack Developer with expertise in JavaScript technologies including React.js, Node.js, and modern AI/ML tools. Experienced in building responsive web applications with Tailwind CSS and developing sophisticated backend systems using Express.js, MongoDB, and authentication protocols. Passionate about creating innovative solutions that bridge web development with cutting-edge AI capabilities.

TECHNICAL SKILLS

Languages: CSS, JavaScript, C/C++, Python
Frameworks & Libraries: React, Node.js, Tailwind CSS, Express.js, Drizzle, Zod
Developer Tools: Git, VS Code, Postman, Docker
Core Concepts: OOPs, Data Structures and Algorithms, REST APIs, JWT Authentication
Databases: MongoDB, PostgreSQL

PROJECTS

- RAG System** [GitHub](#) (July 2025 - Aug. 2025)
- Developed a Retrieval-Augmented Generation (**RAG**) system using **Node.js** and **LangChain.js** to enable conversational interactions with PDF documents.
 - Utilized **Google Generative AI** embeddings (text-embedding-004) to create vector representations of text chunks.
 - Integrated **Pinecone** vector database for fast similarity searches and efficient retrieval of relevant document sections.
 - Designed query transformation system using **Gemini** models to handle follow-up questions and maintain conversation context.
 - Built strict context-based answering system to ensure responses are grounded in the provided document content.
- PetSetGo Backend** [GitHub](#) (Aug. 2024 - Oct. 2024)
- Developed a pet management platform using **Node.js** and **Express.js** for registering and managing multiple pets with detailed profiles.
 - Built a secure RESTful API with **MongoDB** for storing medical records, vet appointments, and breed-specific information.
 - Implemented **JWT authentication** and **bcrypt password hashing** for secure user and pet data protection.
 - Engineered "PetMate", a Tinder-like breeding feature with swiping functionality for compatible pet matches.
 - Created a community forum system with categories, threads, and replies for pet-related discussions.

CERTIFICATIONS & ACHIEVEMENTS

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|----------------------------------|-----------------|--|--------------|
| • 5G Network Fundamentals | (Coursera 2025) | • 2nd Position in GenAI Hackathon | (2025) |
| • Cloud Computing | (NPTEL 2024) | • Top 3 in CSE Competition | (2023) |
| • Prompt Engineering | (Coursera 2023) | • Top 5 in MIT Hackathon | (200+ teams) |

EDUCATION

Computer Science Engineering (Chandigarh University)
7.4 CGPA Aug. 2022 - Present

Intermediate (Param Gyan Niketan School, Gaya, Bihar)
67% 2019 - 2021

Matriculation (D.A.V Public School, Gaya, Bihar)
79% 2017 - 2019

SOFT SKILLS & INTERESTS

Soft Skills: Team Collaboration, Team Leader, Adaptability, Active Listener, Problem Solving
Interests: Web Development, Artificial Intelligence (AI) Tools, Learning New Technologies, Problem Solving