

SHYAMSUNDAR GAYEN

MERN Stack Developer

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Summary

B.Tech CSE student and aspiring MERN Stack Developer with hands-on experience building backend APIs using Node.js, Express.js, and MongoDB, along with responsive frontend applications using React/Next.js. Skilled in REST API development, database integration, authentication, API testing, and deploying web applications.

Education

Swami Vivekananda University

Bachelor of Technology in Computer Science and Engineering

Jul. 2024 – Present

Barrackpore, West Bengal

Technical Skills

Frontend: React, Next.js, HTML, CSS, Tailwind CSS, Shadcn UI
Backend: Node.js, Express.js, REST, JWT, Authentication, bcrypt
Developer Tools: Git, GitHub, Docker, Postman, Render, Vercel

Languages: TypeScript, JavaScript, C/C++
Database: MongoDB, MySQL
Core concept: OOP, DSA

Projects

Github Profile Analyzer - Full Stack Project | *Next.js, TypeScript, Tailwind, Express.js, MySQL* June 2026

- Built a Full-Stack responsive GitHub analytics dashboard that analyzes public GitHub profiles using GitHub API data.
- Developed reusable UI components for profile overview, repository insights, language statistics, and analysis history.
- Integrated frontend with backend REST APIs to fetch, process, and display profile insights dynamically.
- Implemented search validation, loading states, error handling, and responsive layouts for better user experience.
- Stored analyzed profile data in MySQL with backend APIs for creating and retrieving analysis records.

GitHub Repo: <https://github.com/DeShyam01/github-profile-analyzer/>

Live Demo: <https://github-profile-analyzer-six-omega.vercel.app/>

Student Task Manager API | *Node.js, Express, MongoDB*

December 2025

- Built a RESTful backend API for managing student tasks using Node.js, Express.js, and MongoDB.
- Integrated GitHub APIs and backend REST APIs to analyze and display profile insights.
- Developed protected CRUD endpoints for authenticated users to manage tasks.
- Tested APIs with Postman and implemented validation and error handling.

GitHub Repo: <https://github.com/DeShyam01/student-task-manager-api/>

Library Manager API | *Node.js, Express.js, MongoDB, JWT, Bcrypt*

September 2025

- Developed REST APIs for managing books, user authentication, issue/return flow, and librarian access.
- Implemented JWT authentication, bcrypt password hashing, and protected backend routes.
- Added backend security and reliability features including rate limiting and structured error handling.
- Tested APIs using Postman and deployed the backend service on Render.

GitHub repo: <https://github.com/DeShyam01/library-manager-apis/>

Achievements

- Solved 30+ Data Structures & Algorithms problems on Leetcode.
- Participated in Smart India Hackathon (SIH) College-level round as a part of team project (HealPlus), contributing to frontend development and ui design.

Leadership Experience

- Led on-campus coordination for KASCADE, a quiz initiative by Indian Institute of Technology Kharagpur, including obtaining institutional approval, student outreach, event promotion and participation management.

Certification

- Fundamentals of Object Oriented Programming** — NPTEL (92%) Jan-Apr 2026
- React Bootcamp** — LetsUpgrade February 2025
- Generative AI Mastermind** — Outskill December 2025