AMRESH MAURYA

Software Engineer

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WORK EXPERIENCE

SDE Intern @ ITJobxs

Jobs and Education Website

📅 Nov 2024 -Jan 2025 📍 Gurugram, India

itjobxs.com

- Designed and developed a fully responsive web page for a specific section of itjobxs.com.
- Implemented user verification/authentication and engineered solutions to detect and remove fake bots and posts.
- **Tech Stack:** HTML, CSS, JavaScript, Bootstrap, React, MySQL.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C/C++.
- **Frontend:** React.js, Next.js, Tailwind CSS.
- **Backend:** Express.js, Spring Boot.
- **Databases:** MySQL, MongoDB.
- **Tools:** Git, GitHub, Linux, Docker, Postman, Netlify, VS Code.
- **Other Skills:** Data Structures, Algorithms, Problem Solving.

EDUCATION

Master's of Computer Application(MCA)

Maharshi Dayanand University

📅 Sept 2022 – June 2024

CGPA: 8

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Bachelor's of Computer Science(B.Sc)

Maharshi Dayanand University

📅 Sept 2019 – June 2022

CGPA: 8.4

PROFILE LINKS

- **Hackerrank Profile Link** : 4 Star
- **Leetcode Profile Link**
- **Github Profile Link**
- **Portfolio Profile Link**
- **Linkedin Profile Link**

ACHIEVEMENTS

- 4-Star coder on HackerRank.
- Professional Certificate in Java Programming (Udemy).
- Professional Certificate in React.js (Udemy).

PROJECTS

Journal App

- Developed a Journal App using Java Spring Boot and MongoDB to allow users to create, update, and manage journal entries.
- Implemented **RESTful APIs** for **CRUD operations**, enabling seamless interaction with the backend.
- Designed a secure user authentication system using Spring Security to protect user data.
- Utilized MongoDB for efficient storage and retrieval of journal entries, ensuring **scalability**.
- Built a modular and maintainable codebase with Spring Boot and MVC architecture.
- Tested APIs using Postman and ensured robust error handling for a smooth user experience.
- **Tech Stack:** Java, Spring Boot, MongoDB, REST APIs, Spring Security, Postman.
- **Code:** github.com/amreshpro/journal-app

FilmiFlix

- Developed a movie discovery platform using **Next.js** for fast server-side rendering.
- Integrated **TMDB API** to fetch dynamic movie details (descriptions, trailers, genres).
- Implemented real-time search with optimized algorithms for quick movie discovery.
- Secured user **authentication using Clerk** for seamless login and signup.
- Built a modular UI with React components and styled with Tailwind CSS.
- Optimized data fetching using **TanStack Query** for intelligent caching and reduced server load.
- **Live:** filmiflix.netlify.app
  Code: github.com/amreshpro/filmiflix

BlogJS

- Built a backend API for a blogging platform using **Express.js**.
- Designed scalable **MongoDB** schemas with Mongoose for efficient CRUD operations.
- Implemented **authentication**, **error handling**, and **request validation**.
- Developed **RESTful APIs** for managing blogs and user accounts.
- Ensured type safety with TypeScript for maintainable and scalable code.
- **Code:** github.com/amreshpro/blogjs

Brogang Dark Theme (VS Code Extension)

- Designed and published **Brogang Theme**, a custom dark theme for Visual Studio Code.
- Available on the VS Code Marketplace with growing downloads and user adoption.
- Developed using JSON and VS Code's theme configuration, ensuring a visually appealing and developer-friendly interface.