

KUSHALKUMAR SHAW

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🌐 [Linkedin](#)

🐙 [GitHub](#)

📁 [Portfolio](#)

🌳 [Linktree](#)

EDUCATION

Indian Institute of Technology Madras

Bachelor of Science in Data Science and Programming

CGPA - 6.43

May 2023 - April 2027

Chennai — Tamil Nadu

Satish Pradhan Dnyanasadhana College

Higher Secondary Certificate (Class 12)

Percentage - 68%

May 2021 - April 2023

Thane, Mumbai — Maharashtra

COURSEWORK / SKILLS

- | | | | |
|--------------------------------|-------------------------------------|--------------------------------------|-----------------------|
| • Data Structures & Algorithms | • Machine Learning | • Artificial Intelligence Concept | |
| • Operating Systems | • Database Management System (DBMS) | • Object-Oriented Programming System | • Web Development |
| | | | • Android Development |

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript.

Front-end: HTML5, CSS3, SASS, JavaScript (ES6+), React.js, Next.js, Bootstrap, Tailwind CSS.

Back-end: Node.js, Express.js, Django, MySQL, MongoDB.

DevOps: Git, GitHub, Docker, AWS, CI/CD.

PROFESSIONAL EXPERIENCE

Wipro Ltd.

Junior Web Developer

July 2023 - January 2024

Navi Mumbai, India

- Developed and maintained 10+ web applications using technologies such as Node.js, Express.js, React.js, and MongoDB, improving client user experience and operational efficiency.
- Implemented RESTful APIs and integrated third-party services, resulting in a 20% increase in application performance and reliability.
- Optimized front-end performance by 30% through efficient code practices and leveraging modern CSS frameworks, enhancing application responsiveness and user engagement.

PROJECTS

Stock Market Portfolio App | [GitHub](#) | Node.js, MongoDB, React, Express (MERN Stack) July 2024

- Implemented RESTful APIs with Express.js to facilitate secure data interactions and enhance application scalability.
- Utilized MongoDB for efficient data storage and retrieval of user portfolios and transaction history.
- Designed a responsive user interface with React.js, providing a seamless and intuitive experience for users managing their stock portfolios.

Hospital Management App | [GitHub](#) | Node.js, MongoDB, React, Express (MERN Stack) June 2024


- Used Express.js to develop RESTful APIs for handling patient records, appointments, and billing processes.
- Leveraged MongoDB for robust data storage solutions, ensuring quick access to patient and staff information.
- Created a user-friendly front end with React.js, enhancing the application's usability for hospital administrators and medical personnel.

Expense Tracker | [GitHub](#) | Next.js, React.js, Bootstrap

June 2024

- Created and optimized server-side rendered pages with Next.js, improving application performance and SEO.
- Built a responsive and interactive user interface using React.js, providing users with an intuitive and seamless experience for tracking expenses.
- Implemented efficient state management and data fetching techniques in React.js and Next.js, ensuring real-time updates and smooth functionality across the application.

ACHIEVEMENTS

- Solved **250+** Problems on **Leetcode**  demonstrating advanced problem-solving skills.
- Won 1st place in the Fest-o-Bits coding competition, 2022.
- Developed a decentralized application using Stellar smart contracts, 2024.
- Created a modern, responsive portfolio website using React.js, Next.js and Tailwind CSS, 2024.
- Contributed to open-source projects, including ABC library and XYZ framework.