

VIVEK YADAV



Full Stack Developer (MERN) (Node.js Backend Focused)

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PROFILE

Full Stack Developer with 3+ years of experience and a proven track record of delivering **17+ major projects**, specializing in building scalable and efficient applications. Proficient in **Node.js, Express.js, MongoDB, Redis, Socket.io, TypeScript & Javascript**, and experienced in designing & implementing robust **RESTful APIs** and **microservices architectures**. On the frontend, skilled in **React.js, Redux, Tailwind CSS**, and **UI optimization** techniques to deliver high-performance and user-friendly interfaces.



KEY SKILLS

- **Programming & Frameworks:** JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, Socket.io, Redux, Redux Toolkit, React Query, Tailwind CSS, Bootstrap, HTML5 & CSS3, WebSocket, REST API, Redis, MongoDB, Mongoose, AWS Lambda, AWS S3, SNS, SQS, JWT Authentication, Microservices Architecture, Docker, Git & GitHub, Jest, Postman, Swagger, CI/CD, Serverless Architecture.
- **Databases & Caching:** MongoDB, Redis, NoSQL, Database Optimization, Query Performance Tuning
- **Architecture & APIs:** RESTful APIs and Microservices



RECENT PROJECTS

[FlipTree Tech](#) (10k+), [Lumi](#) (100k+), [Peck](#) (100k+), [VK Banking](#) (5M+ entries), VAS EdTec, LJTex SB, [Sparkle Carrier, Brothers Industries](#)



PROFESSIONAL EXPERIENCE

5TechG Lab LLP (SDE2)

Jan 2024 - August 2025

- Designed and implemented robust **RESTful APIs** using **Node.js** within an **AWS Lambda**-based architecture, integrating AWS services including **SNS, SQS, CloudWatch, S3**, and **MongoDB**, while developing scalable and responsive frontend interfaces using **React.js, Redux, and Tailwind CSS** for seamless user experiences.
- Single-handedly developed and optimized the **File Manager module**, managing file upload/download functionalities and improving overall performance.
- Implemented secure file handling and validation mechanisms to ensure data integrity and prevent unauthorized access.
- Collaborated with leadership to gather requirements, design scalable solutions, and conduct unit and functional testing to ensure high-quality software delivery.
- Participated in code reviews, mentoring junior developers, and enforcing best coding practices for maintainable and clean code.

FlipTree Technologies Private Limited (SDE1)

Dec 2022 - Jan 2024

- Developed server-side solutions using **Node.js, Express.js, MongoDB**, and Redis, focusing on performance, scalability, and efficiency.
- Translated the entire codebase from Vanilla JavaScript to TypeScript, optimizing code structure and enhancing maintainability.
- Designed and implemented a user authentication and authorization system using JWT, along with RESTful APIs for user registration, login, logout, and image uploads to S3. Created database schemas and implemented data models using Mongoose for storing and retrieving user information, and generated reports for the marketing team using production user data.



EDUCATION

B.Sc Information Technology

Amity University Gurugram (2023)

12th Higher Secondary

Army Public School (2020)