

Adhil Unnikrishnan P

FULL STACK DEVELOPER | MERN

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| Portfolio: adhilunnikrishnan.vercel.app | LeetCode: leetcode.com/u/adhilunnikrishnan

PROFESSIONAL SUMMARY

Full Stack Developer with strong foundation in JavaScript, TypeScript, React, Next.js, Node.js, and databases like MongoDB and PostgreSQL. Built multiple personal projects demonstrating expertise in responsive UI design, RESTful API development, and database optimization. Experienced with AWS cloud services, Git version control, and modern deployment practices. Passionate about writing clean, maintainable code and solving real-world problems through technology. Quick learner eager to contribute to fast-paced development teams and deliver high-quality web applications that create meaningful user impact.

TECHNICAL SKILLS

- **Language:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL
- **Frontend:** React.js, Next.js, Redux, jQuery, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, Nest.js, RESTful APIs, JWT, WebSocket
- **Databases:** MongoDB, PostgreSQL, Redis
- **Cloud & DevOps:** AWS (EC2, S3), Docker, Nginx, CI/CD, GitHub actions
- **Testing:** Postman, Jest
- **Tools:** Git, Swagger, Figma, Adobe Photoshop, Vite

EXPERIENCE

Backend Development Intern | G-Tec Education, Irinjalakuda

07/2025 Present

- Designed and implemented RESTful APIs with JWT-based authentication and Redis session handling, supporting 100+ concurrent users
- Implemented data validation pipelines using joi, reducing invalid request payloads by 95%

- Created unit and integration tests with jest and Supertest, achieving 85% test Coverage

PROJECTS

Moonlight reads-E-Commerce Platform | Live

[GitHub Repo](#)

- Create a full-stack e-commerce app with core cart and checkout features
- Optimized MongoDB queries, reducing page load time by 35%
- Ensured 95% mobile responsiveness using Bootstrap 5
- Designed an admin dashboard with real-time analytics using Chart.js

node-rest-api-typescript

[GitHub Repo](#)

- Node.js REST API built with TypeScript using JWT authentication and MongoDB
- Dockerized setup with Redis integration for caching and improved performance
- Clean and maintainable code structure using modern TypeScript tooling

Next.js Modern Portfolio Website | Live

[GitHub Repo](#)

- Developed an SEO-optimized Next.js portfolio, improving load speed by 35%
- Integrated GitHub & LeetCode APIs, increasing engagement by 45%
- Applied image optimization & code splitting, reducing bundle size by 30%

EDUCATION

NHSS School, Senior Secondary (Plus Two)

07/2023 – 03/2025

Stream: **Computer Science**

St. Mary's Higher Secondary School (SSLC)

06/2022 – 03/2025