

Atharva Upadhye (Full Stack Developer)

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EXPERIENCE

Power Programmer (Job Level 5) 🔗

Infosys

Work from home

June 2022 - Present

- Implemented **RESTful APIs** using **Express.js**, integrating with **Kafka** and **microservices** for seamless data flow.
- Built and maintained a custom **UI component library**, used across 5 projects, improving UI consistency.
- Reduced **PDF report generation time by 60%** by optimizing **React.js**-based templates.
- Improved code quality and reduced bugs by **80%** through automated **type checking** and the enforcement of strict **coding standards**.

App Developer (Intern)

NICHE Advocacy Foundation 🔗

Work From Home

May 2021 - February 2022

- Engineered an advanced attendance and worklog management system for the NGO, boosting operational efficiency by **40%** and accurately tracking volunteer hours, leading to a **25%** increase in productivity
- Leveraged **Firebase Cloud Functions** and created **RESTful API** endpoints with **ExpressJS** to optimize backend operations for cost-efficiency.
- Created a **cross-platform mobile application** using **Flutter** for both iOS and Android.

PROJECTS

Portfolio website

live link 🔗 source code 🔗

React.js, TypeScript, Express.js, PNPM Workspaces, Next.js, Framer motion, Externity UI

- Developed a fully **responsive** portfolio site with **server-side rendering (SSR)** for better **SEO**.
- Integrated CI/CD pipelines for automated deployments using **GitHub Actions**.
- Achieved **perfect score of 100%** in overall website quality rating by Google's **Lighthouse**

JWT authentication in React.js and Express.js

source code 🔗

React.js, TypeScript, Express.js, MongoDB, Zod

- Built a **self-hostable JWT authentication** system without relying on third-party services leveraging Docker containerization
- Implemented secure user data storage and handled **user session management**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, C++ , SQL, Java, Python, Dart

Frontend: React.js, Next.js, Angular, MUI, Framer Motion

Backend: Node.js, Express.js, Firebase, Spring Boot

Databases: MongoDB, Postgres

Tools: Git, Docker, Postman, Figma, VSCode, GitHub Actions, PNPM

Testing: Jest, React Testing Library, Vitest

Concepts: RESTful APIs, Microservices, Microfrontends, PWA, CMS

EDUCATION

Bachelor in Computer Science and Engineering

G. H. Rasoni College of Engineering

Nagpur, Maharashtra

June 2018 - April 2022

HSC (12th class) in PCM with Electronics

Dr. M. K. Umathe College of Arts, Science and Commerce

Nagpur, Maharashtra

June 2016 - April 2018