

Aditya Shukla

Full-Stack Developer — MERN Stack — Software Engineer

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Summary

Dynamic Full-Stack Engineer from India with **6.5+ years of experience** in designing and developing **scalable full-stack applications** and **microservices** from ground up using ReactJS, NodeJS, and modern web frameworks. Proficient in **building responsive user interfaces, robust APIs**, and delivering impactful solutions. A key contributor to **decision making processes**, with a track record of **leading projects and mentoring teams**. Skilled in **high performance, user-friendly interfaces** and **scalable back-end systems**, with a strong ability to **adopt and experiment with new technologies**.

Technical Skills

Languages: JavaScript, TypeScript, Python, C# (.NET Framework)

Frontend: ReactJS, NextJS, Redux, Context API, D3.js, TailwindCSS, WebSockets, HTML5, CSS3

Backend: NodeJS, NestJS, ExpressJS, Fastify, Microservices Architecture, RESTful APIs, GraphQL, End to End API Integration, Jest

Databases & Storage: PostgreSQL, MongoDB, MS SQL Server, Redis, Firebase, Supabase

ORMs: TypeORM, Mikro-ORM, Drizzle

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3, Lambda), CircleCI, GitHub Actions

Messaging & Queue: Kafka, RabbitMQ, AWS SQS, Elastic Search

Tools & Productivity: Git, Postman, Notion, Jira, Agile Methodologies

Work Experience

Software Engineer

Prosperix Innovation Pvt. Ltd. (formerly Zenith Talent Consulting)

Remote — Feb. 2021 - Present

- Spearheaded end-to-end development of multiple core **Microservices** using **Node.js, MongoDB, PostgreSQL**, including **URL Tracker & Shortener, Billing & Invoicing**, and **Spend Management**, delivering **scalable and efficient solutions**.
- Owned the complete lifecycle of the **Auth Service**, including **API integration** across internal modules, achieving high performance and reliability under heavy load.
- Built a secure **Integration Platform** to expose internal APIs externally using **Microservices Architecture**, enabling external partners to consume services with ease.
- Transformed the product into a scalable **SaaS platform**, handling both **backend microservices** and **frontend user interfaces** using **ReactJS, HTML, CSS, and TypeScript**.
- Migrated a large-scale front-end monorepo from **CRA** to **Vite**, improving **build times and developer experience** with **hot module reloading**.
- Defined boilerplate for new **NodeJS microservices**, standardizing **end-to-end API design** and authentication flows. Reducing the time to setup a new microservice by 90%.
- Migrated enterprise apps from Angular to **ReactJS**, building highly maintainable, performant UI components in **TypeScript**.

Software Engineer

L&T Infotech

Pune, India — July 2018 - Aug 2020

- Collaborated with a **cross-functional team** to build modules for automating legal documentation, impacting over **3,000 daily users**.
- Developed **frontend interfaces** using **ReactJS, HTML, CSS, and JavaScript**, adhering to WCAG accessibility and responsive design best practices.
- Designed and integrated multiple **REST APIs** in **.NET** and consumed them through **end-to-end API integration** in the UI layer.
- Managed scheduled backend tasks via **batch jobs**, enhancing reliability and reducing manual interventions.
- Followed **Agile methodologies** and contributed to UI and **backend services** during multiple sprint cycles.

Education

- **Full Stack Web Development Bootcamp** The Hacking School — July 2020 - Feb 2021
- **Bachelor of Technology (B.Tech)** Bharati Vidyapeeth Deemed University, Pune — July 2014 - May 2018

Key Achievements

- **Built Enterprise-Ready Integration Platform:** Architected and delivered a secure platform to expose internal APIs externally, enabling strategic **API partnerships** and driving **multichannel business expansion**. Recognized with **Employee of the Quarter** award for outstanding impact.
- **Designed In-House Charting Library:** Improved performance and developer velocity by building a modular, reusable **charting library using D3.js**, reducing third-party dependencies and allowing faster rendering of complex visualizations.
- **Modernized Front-End Infrastructure:** Migrated the legacy monorepo to a modern stack using **Vite, PNPM, and Turborepo**, achieving a significant reduction in **CI/CD deployment costs**. Received **recognition from senior leadership** for driving this impactful initiative.

Blog Posts & Engagement

- **The Difference Between Encoding, Encryption, and Hashing:** 25K Views, 10.1K Reads, 40% Read Ratio
- **Everything You Need to Know About Event Loop in JavaScript:** 1.6K Views, 687 Reads, 42% Read Ratio
- **Understanding and Implementing Password Hashing in NodeJS:** 15K Reads
- **React Components Lifecycle Methods - WTH Are They?:** 1.4K Reads

Personal Projects

Chatter - A Realtime Group Chat Application

Technologies: React.js, Context API, PostgreSQL, Node.js, ExpressJs, Socket.io, Drizzle ORM. Developed a fully functional **real-time group chat application**, leveraging **WebSockets** for seamless communication.

Sorting Visualizer

Technologies: ReactJS, JavaScript, CSS

Built an **interactive sorting algorithm visualizer**, demonstrating sorting algorithms like **Bubble Sort, Merge Sort, Quick Sort**, helping users understand sorting through animations.

Other Projects

Available on GitHub