Harsh Patil

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Professional Experience

Sify Technologies — Mumbai, Maharashtra
Software Engineer — *July 2024 – July 2025*

- Developed **RESTful APIs** using **Node.js**, **Express**, **Java** and **Spring Boot**, enabling seamless communication between the **Frontend** and **Backend** services, improving data processing speed by **25%**.
- Built a dynamic and responsive UI with **React.js**, **Next.js**, **Tailwind CSS** & **Typescript**, enhancing user engagement and satisfaction by **30%**.
- Integrated **Spring Security** with **JWT** & **RBAC**, securing 100% of API endpoints and blocking unauthorized access attempts during internal audits.
- Diagnosed and resolved complex bugs, enhancing application stability by **20%** and reducing downtime.
- Maintained client websites and implemented requested changes, increasing client satisfaction scores by **10%**.
- Practiced Agile methodologies with daily stand-ups, contributing to iterative feature delivery and improving feedback turnaround time by 30%.
- Documented 100% of backend API workflows and client logic modules using **Swagger**, streamlining onboarding and cutting support queries by 40%.
- Worked with cross-functional teams to deliver features **15%** faster, aligning with client needs.
- Used **GitHub** for structured version control, implementing branch-based workflows and pull request reviews, reducing merge conflicts and rework by 50%

Sify Technologies — Mumbai, Maharashtra
Engineer Trainee — *January 2024 – July 2024*

- Completed 6-month intensive training in web development, mastering core technologies including **JavaScript**, **Node.js**, **Express**, **Java**, **React.js**, **Spring**, **Spring Boot** and version control with **Git**.
- Designed 3+ internal mini-projects using **Spring Boot** and **React.js**, simulating real-world user flows like authentication, CRUD operations

Technical Skills

Languages: Java, JavaScript, Typescript, SQL, HTML, CSS
Frameworks/Libraries: Spring, Spring Boot, Spring Security, Hibernate, React.js, Next.js, Tailwind CSS, Express
Databases: MySQL, MongoDB, PostgreSQL
Developer Tools: Git, GitHub, Postman, VS Code, Eclipse, MySQL Workbench, XAMPP, MongoDB Compass
Cloud & DevOps: Azure, AWS, REST APIs, CI/CD, Linux

Projects

PersonAI | *Reactjs, Google Cloud Console, JWTAuth, MongoDB, GenAI, Typescript* — July 2025 – Present

- Built with **ReactJS** and **ExpressJS**, allowing users to save notes and links and receive AI-generated summaries.
- Secured 100% of backend endpoints with JWT-based authentication for secure login and protected routes.
- Integrated **Google Gemini API** to generate context-aware summaries and memory lookups.
- Designed a highly optimized MongoDB schema, resulting in 40% faster data retrieval for AI summarization and scalable storage of user-generated content.

File Forge | *Nextjs, Reactjs, Typescript, Clerk, Cloudinary AI, Tailwindcss, Mongodb* — June 2025 – July 2025

- Developed a full-stack media utility platform that uses Cloudinary AI to auto-crop images into predefined dimensions, enhancing user convenience and reducing editing time by 80%.
- Integrated video compression functionality, reducing file sizes by up to 60% while maintaining quality, enhancing upload efficiency.
- Implemented Clerk authentication to provide secure, seamless user login and session management.

Personal Portfolio | *Typescript, Next.js, React.js, Tailwind CSS,* — June 2025 – July 2025

- Built and deployed a personal portfolio website to showcase my projects, technical skills, and resume with a clean UI/UX and responsive layout having a 90+ Lighthouse score
- Improved SEO and performance by implementing server-side rendering via **Next.js**, contributing to a 40% increase in site indexability and reducing initial load time to less than 1.5s.

Education

Dr. D. Y. Patil Institute of Engineering, Management And Research — July 2020 - June 2024
Bachelor of Engineering in Computer Science; CGPA: 8.79 — *Pune, Maharashtra*