

ELMAN PATHAN

Full Stack Developer

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CAREER SUMMARY

Full-Stack Developer with a B.Eng. in Computer Science from Fudan University. Experienced building AI-powered products, scalable web applications, and automation solutions using Next.js, ReactJS, FastAPI, AWS & LLM APIs.

TECHNICAL SKILLS

- Programming: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3
- Frontend: Next.js, ReactJS, Tailwind CSS, ShadCN UI, HeroUI, TanStack Query
- Backend: Node.js, Express.js, FastAPI, Django, RESTful APIs, JWT Authentication
- Databases: PostgreSQL, MongoDB, Redis
- Cloud & Tools: AWS (EC2, S3, IAM, VPC), Docker, Git, GitHub, Vercel
- AI: OpenAI API, OpenRouter, Prompt Engineering, Context Engineering, PyTorch

WORK EXPERIENCE

Shengyi Zhuanjia | Product Engineer | Shanghai, China | Apr 2025 – Present

- Designed AI-powered ERP workflows for SME inventory, procurement, and international operations.
- Collaborated with product, design, and engineering teams to deliver production features.
- Improved **inventory turnover by 45%** and **customer retention by 70%**.

Tianyi Security Technology | Software / Test Engineer | Shanghai, China | Oct 2024 – Jan 2025

- Developed Python automation scripts and backend testing tools, **automating 15+ recurring tasks**.
- Built dashboards for anomaly detection and security analytics.
- Reduced report generation time from 30 mins to around 10 mins, increasing automation coverage by **approx. 40%**.

Freelance | Full-Stack Developer | Jul 2021 – Jun 2023

- **Solved inefficient booking workflows** by building a scalable platform and integrating payment system.
- Implemented solutions with **Django, React, PostgreSQL & Redis**
- **Boosted client bookings by 80%**, contributing directly to increased business revenue.

KEY PROJECTS

1. BiblioDrop – Online Book Marketplace | Next.js, Tailwind CSS, Stripe

[Live Link](#) | [Github code](#)

- Developed a responsive frontend using Next.js, HeroUI, and TanStack Query.
- Implemented user authentication and role-based dashboards using BetterAuth.js
- Integrated Stripe for secure payments and Cloudinary for media management.

2. Idea Validation Engine | Next.js, MongoDB, Tailwind CSS

[Live Link](#) | [Github code](#)

- Built a full-stack collaborative platform for validating and reviewing startup ideas
- Implemented secure CRUD operations, authentication, and MongoDB-backed data management.
- Designed reusable React components with responsive layouts, Suspense loading, and dark mode

3. R4X Robot – Interactive 3D Portfolio | Three.js, JavaScript

[Live Link](#) | [Github code](#)

- Engineered interactive 3D portfolio using Three.js, real-time fluid simulations & optimized rendering performance.
- Developed immersive canvas interactions and modern glassmorphism-based UI for an engaging user experience.
- Reduced initial load time by 35% through asset compression, lazy loading, and rendering optimizations.

EDUCATION

Fudan University, Shanghai, China

B.Eng. Computer Science and Engineering | Minor in Entrepreneurship | Sept 2018 - Jul 2025 (2 years gap due to Covid)

ACHIEVEMENTS

- Full-ride Chinese Government Scholarship (4 Years) • Shanghai Social Innovation Competition – Finalist

LANGUAGES

Bengali (Native) | English (Fluent with IELTS 7.5) | Chinese (HSK 5) | Hindi (Professional Working Proficiency)