

# PUSHKAR KATHAYAT

## Full Stack Developer

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## PROFESSIONAL SUMMARY

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Full Stack Developer with 4+ years of experience building production-ready SaaS applications serving thousands of users. Expert in modern web technologies including Next.js 15, React, TypeScript, and Node.js with strong backend skills in PostgreSQL, Redis, and cloud infrastructure (AWS, Cloudflare). Proven track record of shipping 6+ live SaaS products from concept to deployment, including email validation APIs, job platforms, and AI-powered content tools.

## TECHNICAL SKILLS

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| <b>Frontend</b>            | Next.js 15, React 19, TypeScript, Tailwind CSS, Shadcn UI, Radix UI, Framer Motion    |
| <b>Backend</b>             | Node.js, Express.js, tRPC, Python, FastAPI, REST APIs, WebSockets, Hono               |
| <b>Databases</b>           | PostgreSQL, Drizzle ORM, Supabase, Redis, MongoDB, BullMQ                             |
| <b>Cloud &amp; DevOps</b>  | AWS (Lambda, EC2, S3, SES), Cloudflare (Workers, R2, Pages), Docker, Vercel, Railway  |
| <b>Auth &amp; Payments</b> | Better Auth, OAuth 2.0, Passkeys/WebAuthn, Stripe, Dodo Payments                      |
| <b>Testing</b>             | Playwright, Jest, Unit Testing, Integration Testing, E2E Testing                      |
| <b>Practices</b>           | Agile/Scrum, Code Reviews, Pull Requests, Team Collaboration, Technical Documentation |
| <b>Tools</b>               | Git, GitHub Actions CI/CD, React Query, Zod, Web Scraping, Chrome Extensions          |

## PROFESSIONAL EXPERIENCE

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**Full Stack Developer** | Contract Projects (Multiple Clients) | Remote Jan 2024 - Present

- Designed, developed, and deployed **3 production-grade SaaS applications** using Next.js 15, TypeScript, tRPC, and PostgreSQL
- Built **VerifyForge**, an email validation API achieving 99%+ accuracy with real-time SMTP verification in <2s
- Developed **Real Jobs From Anywhere**, a remote job platform aggregating 5,000+ active job listings with BullMQ
- Created **FinderLaunch**, a product discovery platform curating 988+ projects with Dodo Payments integration
- Implemented scalable microservices using Docker, AWS Lambda, and Cloudflare Workers
- Conducted code reviews and maintained high code quality standards through PR-based workflows

**Chief Technology Officer** | Semantic Pen | Remote Jan 2023 - Dec 2023

- Led a team of 3 developers, conducting code reviews and mentoring junior developers on best practices
- Designed AI-powered content platform with LLM integration and vector databases for RAG
- Implemented custom vectorization pipeline with Supabase GTE for document processing (PDF, DOCX, TXT)
- Deployed scalable microservices using AWS (Lambda, ECS, S3) and Cloudflare Workers
- Established Agile workflows with sprint planning, daily standups, and retrospectives

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| <b>Full Stack Developer</b>   YouTube Transcript Generator   Remote  | Mar 2023 - Jul 2023 |
| <ul style="list-style-type: none"> <li>Built video transcription tool with multi-language translation and various export formats</li> <li>Designed backend API using Express.js with Redis caching for improved performance</li> </ul> |                     |
| <b>CTO &amp; Co-Founder</b>   Degions   India  | Nov 2018 - Feb 2023 |
| <ul style="list-style-type: none"> <li>Developed SEO tools and data-driven solutions using Python and Node.js</li> <li>Built cloud infrastructure with AWS EC2 and S3; published 4 Chrome extensions on Chrome Web Store</li> </ul>    |                     |
| <b>Founder &amp; Technical Lead</b>   Techgeekers Blog   India   | Mar 2014 - Oct 2018 |
| <ul style="list-style-type: none"> <li>Provided SEO consultancy and built responsive web applications</li> <li>Implemented SEO optimization strategies improving organic traffic</li> </ul>  |                     |

## FEATURED PROJECTS

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### **VerifyForge** | [verifyforge.com](https://verifyforge.com)

Email Validation API SaaS with 99%+ accuracy, real-time SMTP verification, disposable detection, and subscription management.

**Tech:** Next.js 15, tRPC, PostgreSQL, Redis, Drizzle ORM, BullMQ

### **Real Jobs From Anywhere** | [realjobsfromanywhere.com](https://realjobsfromanywhere.com)

Remote job platform with 5,000+ active listings, advanced filtering, and real-time job aggregation.

**Tech:** Next.js 15, tRPC, PostgreSQL, Better Auth, AWS SES, BullMQ

### **FinderLaunch** | [finderlaunch.com](https://finderlaunch.com)

Product discovery platform with 988+ curated projects, community voting, and payment integration.

**Tech:** Next.js 15, tRPC, PostgreSQL, Redis, Dodo Payments, Docker

### **Semantic Pen** | [semanticpen.com](https://semanticpen.com)

AI-powered content platform with RAG-based generation and vector search capabilities.

**Tech:** Next.js, Node.js, Hono, PostgreSQL, AWS, LLM APIs

### **YouTube Transcript Generator** | [getyoutubetranscript.com](https://getyoutubetranscript.com)

Video transcription tool with multi-language translation and export formats.

**Tech:** Next.js, Supabase, Redis, Express.js

### **Python Tools & Automation**

**Semantic Interlinker** | [github.com/pushkarsingh32/Semantic-Interlinker](https://github.com/pushkarsingh32/Semantic-Interlinker) - SEO tool using BERT embeddings for internal linking discovery

**PAA Scraper** | [github.com/pushkarsingh32/paa-scraper](https://github.com/pushkarsingh32/paa-scraper) - Google "People Also Ask" extractor with Flask API and Docker support

**WordPress Article Uploader** | [github.com/pushkarsingh32/wordpress-article-uploader](https://github.com/pushkarsingh32/wordpress-article-uploader) - Automated content uploader with NLP-based tag generation

### **Chrome Extensions (Chrome Web Store)**

Keyword Autocomplete Magic, Open Multiple URLs, Domain Age Checker, Domain Age Finder SERP

## EDUCATION

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### **Bachelor of Technology (B.Tech), Computer Science**

THDC-IHET | 2016