

# Piyush Tekwani

Software Engineer

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## Summary

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Product-focused Software Engineer with ~3 years of experience building workflow-driven systems in fintech and document processing domains. Skilled in designing scalable UI architectures, real-time interfaces, and config-driven workflows, with strong experience integrating frontend systems with backend APIs and async processing pipelines.

## Experience

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### Software Engineer — Glib.ai

Jun 2023 – Present

- Leading frontend development across multiple products, building scalable systems for document processing and workflow-driven applications.
- Designed and implemented configurable workflow engines supporting dynamic rules, validation pipelines, and UI generation from backend schemas.
- Built document review and annotation systems with tagging, validation, and human-in-the-loop workflows across multiple document formats.
- Developed AI-powered chat interfaces and agent-based workflows, integrating async backend pipelines (Celery) for scalable document interaction.
- Implemented real-time UI synchronization using polling and state management to reflect backend processing and logs.

### Web Engineer Intern — rtCamp

Mar 2019 – Jan 2021

- Contributed to the WordPress 6.3 “Lionel” release.
- Worked within open-source contribution workflows including issue tracking, patch submission, and code review.
- Developed custom Gutenberg blocks and WordPress themes.

## Selected Work

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### Intelligent Document Processing System

React, Django, REST APIs

- Built a document review and validation platform for processing invoices and financial documents with AI-extracted data.
- Developed an interactive PDF annotation system with bounding box overlays for field-level validation and tagging.
- Designed real-time UI synchronization using polling to reflect document processing status and logs from backend pipelines.
- Implemented configurable validation workflows and dynamic UI rendering based on backend-driven schemas.
- Integrated file upload and async processing flows, handling large documents with robust error states and user feedback.

## Skills

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**Languages:** JavaScript, TypeScript, Python, HTML, CSS

**Frontend:** React, Tailwind CSS, HTMX, Alpine.js, Astro

**Backend:** Django, FastAPI

**Tools & Platforms:** Git, Docker, Postman, Vite

**AI/LLM:** LangGraph, OpenAI SDK, AWS Bedrock

## Education

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### M.Sc. Information Technology

2021 – 2023

Dhirubhai Ambani Institute of Information and Communication Technology

### Bachelor of Computer Applications

2018 – 2021

GLS University