

Pinklesh Parjapati

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PROFESSIONAL SUMMARY

Senior Backend Engineer with 5+ years of experience building high-performance, scalable distributed systems in FinTech and LegalTech domains. Proven expertise in Python (FastAPI, Django, Flask), microservices architecture, multi-tenant B2B platforms, and AWS cloud services. Track record of delivering measurable results: reducing API latency by up to 85%, cutting DB load by 40%, and architecting systems that maintain 99.9% uptime. Experienced in partner integration, API documentation, and cross-functional collaboration. Actively leverages AI-assisted development (Cursor AI, Claude, ChatGPT) to accelerate delivery, automate reviews, and ship higher-quality code faster.

TECHNICAL SKILLS

Languages: Python, SQL

Frameworks: FastAPI, Django, Flask

Cloud & Infrastructure: AWS (Lambda, SQS, S3, API Gateway, EC2), Docker

Databases & Caching: PostgreSQL, Redis, Elasticsearch

Architecture: Microservices, Multi-Tenancy, BFF (Backend for Frontend), REST APIs, Event-Driven Systems

Tools & Monitoring: Git, SigNoz, Postman, CronJob, MQTT

AI-Assisted Development: Cursor AI, Claude, ChatGPT — code generation, automated code review, agent scripting, API documentation, system design

PROFESSIONAL EXPERIENCE

Software Development Engineer — FinTech, Sep 2024 – Present

Appreciate Platform Private Limited, Gurgaon

- Architected and delivered a multi-broker US stock investment platform and a mutual fund service from scratch, both built on multi-tenant B2B architecture supporting isolated client environments using PostgreSQL schemas and scoped APIs.
- Reduced API response times from 1–2 seconds down to under 300ms (85% improvement) through async programming, optimised query design, Redis caching for tenant-specific data (NAVs, stock prices, portfolio summaries), and SigNoz-driven performance monitoring.
- Designed and implemented a BFF (Backend for Frontend) layer and partner-facing API system; wrote comprehensive API documentation and participated directly in partner onboarding calls to facilitate seamless third-party integrations.
- Developed a tenant and user-level authentication system with fine-grained access control, enabling secure data separation across B2B clients.
- Built background services and AWS Lambda functions for real-time capital gains calculations, SIP scheduling, and automated export of PDF/CSV tax reports.
- Implemented database design, caching strategies, and async pipelines (SQS, Lambda) for real-time buy/sell of mutual funds and US stocks with live price updates and portfolio tracking.
- Reduced tenant onboarding time by 80% by building self-serve tools for custom branding, investment rule configuration, and access control setup; maintained 99.9% uptime for mission-critical investment services.
- Optimised PostgreSQL queries and Redis caching strategies, reducing overall load times by 40% compared to the pre-optimisation baseline.
- Leveraged AI-assisted development tools (Cursor AI, Claude, ChatGPT) throughout the SDLC — accelerating boilerplate generation, automating code reviews, writing agent scripts, and producing comprehensive API documentation — significantly reducing development time and improving code quality.

Tech Stack: Python, FastAPI, Flask, PostgreSQL, Redis, Elasticsearch, AWS Lambda, SQS, S3, API Gateway, SigNoz, Cursor AI

Software Development Engineer — Backend, *Mar 2021 – Sep 2024*

Legistify Services Pvt. Ltd., Gurgaon

- Architected and deployed four scalable microservices, increasing data accessibility and reliability by 35% across multiple data sources.
- Led end-to-end migration from monolithic architecture to microservices, improving the Litigation Management Tool's performance by 50% and achieving a 40% overall efficiency gain.
- Optimised complex database queries and introduced advanced caching strategies, achieving a 40% reduction in DB load and 50% faster query response times.
- Built a high-performance job scheduler to automate large-scale data collection, reducing manual effort by 30%.
- Developed a bulk data upload module that reduced internal team data management effort by 80%.
- Implemented features including permission management, user activity logging, and full-text search functionality using Elasticsearch.

Tech Stack: *Python, Django, FastAPI, PostgreSQL, CronJob, Redis, SQS, S3, AWS*

Senior Advisor, *Jan 2018 – Mar 2021*

Concentrix

- Streamlined video content and comment moderation workflows for guideline compliance, improving process efficiency by 20% through cross-functional collaboration.

KEY PROJECTS

Multi-Tenant B2B Investment Platform — US Stocks & Mutual Funds |

<https://play.google.com/store/apps/details?id=com.appreciatewealth.android>

- Designed and built the entire backend from scratch: database schema, AWS Lambda functions, async background services, Redis caching, and API gateway integrations for a multi-broker investment platform.
- Achieved 85% API latency reduction (1–2s → <300ms) through async programming, connection pooling, and intelligent caching; measured and validated via SigNoz observability platform.
- Developed BFF system and partner API layer with full documentation; led partner integration calls and provided technical support for third-party onboarding.
- Maintained 99.9% uptime; reduced tenant onboarding time by 80% with automated setup tooling.

Tech Stack: *Python, FastAPI, Flask, PostgreSQL, Redis, Elasticsearch, Lambda, SQS, S3, API Gateway, SigNoz*

Litigation Management System (Legistrak) | <https://legistify.com/>

- Led microservices migration and resolved critical performance bottlenecks, improving system reliability and speed by 50%.
- Built a bulk data upload pipeline that reduced the internal team's operational effort by 80%.
- Delivered permission management, audit logs, and advanced search features to enhance platform usability.

Tech Stack: *Python, Django, FastAPI, PostgreSQL, Redis, Elasticsearch, CronJob, AWS*

ACHIEVEMENTS

- Awarded Star Performer of the Month (April) for outstanding contributions to project delivery and performance optimisation at Appreciate Platform.

EDUCATION & CERTIFICATIONS

B.E. / B.Tech — Bhagwati Institute of Technology & Science, 2014

Scaler Academy

Data Structures & Algorithms, Databases and SQL, Low-Level Design (LLD), High-Level Design (HLD)