

# Thomas Paras

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## Summary

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Technical specialist with 10 years of production experience building and maintaining a large-scale, regex-based data extraction system. Deep hands-on user of Claude and the Anthropic ecosystem — including the API, Claude.ai, Claude Code, MCP architecture, and agentic tooling. Active AI developer building open-source tooling and self-hosted AI infrastructure. Background spans structured data pipelines, technical troubleshooting at scale, cross-functional collaboration, and independent software delivery.

## Experience

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**Data Mapper / Product Support Specialist** | Triplt, a Concur product (SAP) — Concur Technologies Inc. Jul 2015 – April 2026

*Official SAP titles held: IT Technology Associate Consultant (2015–2018) → IT Technology Consultant (2018–2022) → IT Technology Services Specialist / Developer (2022–2026). Internal title: Data Mapper / Product Support Specialist. Job family classified as DevOps Engineering from 2022.*

Built and maintained a 10,000+ template library that extracts structured travel data from unstructured emails for Triplt's core product pipeline.

### Core Responsibilities

- Authored and debugged declarative extraction templates using regex with named capture groups, pattern fallback chains, and hierarchical field extraction; resolved parsing failures across HTML, PDF, and plain-text email formats.
- Operated within a CI/CD workflow — maintained a Dockerized development environment with sparse Git checkout of the template corpus, branching per vendor, self-reviewed code, and merged directly to production upon passing tests.
- Sustained a throughput of 10+ tickets per week, with individual tickets ranging from quick pattern fixes to multi-day root cause investigations — querying AWS CloudWatch Log Insights for parsing errors and Athena tables for classification patterns.
- Monitored and maintained non-production builds; investigated and resolved build failures before they reached production.
- Collaborated with engineering and product teams to scope and implement support for new reservation types (restaurants, parking) and new features (reward points tracking); coordinated closely with the customer support team to investigate and resolve PDF parsing failures.

### Highlights & Contributions

- Mentored a high school intern (2018), teaching template authoring and debugging fundamentals; intern contributed working fixes within the summer.
- Championed tooling improvements: introduced a modern Neovim configuration to replace legacy Vim across the team (2022), significantly improving edit efficiency for regex-heavy work.
- Participated in an internal GenAI hackathon (2023) demonstrating LLM-assisted template generation — an early proof-of-concept for AI-augmented data mapping workflows.
- Used Cline (powered by Claude) to independently build three internal developer tools (2024–2026) that had been backlogged for years due to resource constraints — a scaffolding tool (`create_new_datamap`), a regex accelerator (`regex_generator`), and an interactive linter (`code_reviewer`) — delivered without formal dev allocation.
- Promoted three times: IT Technology Associate Consultant → IT Technology Consultant (2018), T2-1 → T2-2 (2020), T2-2 → T2-3 (2025); consistently rated high performer with bonus payouts reaching 140% of target.

## Community & Volunteer Work

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**Producer / Director** | Bindlestiff Studio, San Francisco 2016 – 2025

*Volunteer theater producer and director with Bindlestiff Studio, a Filipino-American community arts organization in San Francisco.*

- Produced 10+ stage productions over five years (2016–2020), often managing multiple shows concurrently across cast, crew, directors, and venue coordination.
- Conceived and produced The Geek Show (2017–2019) across three iterations, including a run at SF Sketchfest; received coverage in the San Francisco Chronicle.
- Contributed across the full production stack: producer, writer, director, actor, stage manager, and prop maker across different productions.

## Technical Skills

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- Languages & Scripting: **Python (proficient), Rust (active learner), regex, bash, Java (studied), JavaScript (studied), Ruby/Rails (studied)**
- AI & Tooling: **Claude API, Claude Code, MCP architecture, Claude.ai, Cline, OpenClaw (self-hosted personal AI assistant), n8n, Make.com, Ollama, LM Studio, Groq, vector databases, AI agent development**
- Infrastructure: **Docker, Git, CI/CD pipelines, SSH, tmux, CLI workflows**
- Data Systems: **Regex-based extraction pipelines, declarative template authoring, JSON/XML output, AWS CloudWatch Log Insights, AWS Athena, log analysis**
- Editors & Workflow: **Neovim, VS Code, Cursor**
- Networking (studied): **TCP/IP, DHCP, DNS, Cisco router/switch configuration; studied toward CompTIA A+, Cisco CCNA, Network+**

## Projects

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**ClassiFinder — Open-Source Secret Detection API** | [classifinder.ai](https://classifinder.ai)

Solo-founded and shipped a stateless secret detection API built for LLM pipelines and AI agents. Engine uses 88 regex patterns across 7 credential categories with Shannon entropy scoring and confidence calibration.

Distributed as a Python SDK and MCP server (both on PyPI); deployed on Fly.io with scale-to-zero. Security-first: pure-function design, zero secret storage, masked API responses. Ecosystem spans FastAPI server, sync/async SDK with LangChain integration, MCP server, Astro landing page with live demo, and 150+ automated tests.

**DMM Internal Tooling Suite (Triplt, 2025–2026)**

Built three internal developer tools using Cline/Claude without formal dev allocation: `create_new_datamap` (scaffolding tool with vendor DB integration and structural validation), `regex_generator` (clipboard-based text-to-regex converter with 25+ language macro support), and `code_reviewer` (interactive linting tool with format-aware quality checks and incremental safe edits).

## Education

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**City College of San Francisco** — Computer Science AA program (no degree conferred) 2012 – 2015

Coursework: Java, Android development, SQLite, Ruby/Rails, HTML/CSS, network architecture (TCP/IP, DHCP, DNS), Cisco technology.

Studied toward: CompTIA A+, Cisco CCNA, Network+. Did not pursue certifications due to employment.

**Westmoor High School** — Daly City, CA Graduated