

# JOSHUA P. TALATO

Software Engineer | Database Developer  
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## PROFESSIONAL SUMMARY

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Freelance software engineer with full-stack project experience in tournament management, inventory systems, and career analytics. Skilled in database design, API integration, access control, and operational reporting, with professional experience in competitive analysis and US government contract-opportunity research.

## TECHNICAL SKILLS

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

**Frameworks and tools:** React, Next.js, Django REST Framework, FastAPI, Git, GitHub, Docker, Cloudflare Pages

**Databases and development:** PostgreSQL, Supabase, database migrations, REST APIs, role-based access control, row-level security, automated testing, AI API integration

## PROFESSIONAL EXPERIENCE

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**Freelance Software Engineer** | October 2026 - Present

Independent | Client project: AruCup

- Developed AruCup for a client, covering athlete registration, competition brackets, official results, and dojo medal reporting; deployed its frontend on Cloudflare Pages.
- Built the React/TypeScript frontend and Supabase backend, including PostgreSQL database logic and authentication, translating tournament rules into validated workflows and role-specific permissions.
- Refined registration imports, result correction, and reporting through iterative feature delivery and regression tests covering database rules, access controls, and tournament operations.

**Remote Research Specialist** | January 2025 - October 2026

90Degrees of Design Inc.

- Developed competitive analyses of US government contract opportunities to support client opportunity evaluation and bid strategy research.
- Compiled contract-opportunity information into structured pre-screening records for review and approval; completed approved records with required details for continued tracking.
- Maintained active opportunity records and agency event calendars, incorporating new information to support accurate monitoring and timely follow-up.
- Organized and uploaded agency and contract documents for research reference, and contacted contracting personnel by email to clarify opportunity status and next steps.

**Freelance Encoder** | July 2022 - June 2023

- Encoded and digitized academic materials into electronic files, supporting digital access and day-to-day usability.
- Converted document formats and organized academic resources for consistent storage, retrieval, and reference.

## EDUCATION

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**Pamantasan ng Lungsod ng Pasig** | Expected April 2027

Bachelor of Science in Information Technology | GWA: 1.32

**Pasig City Science High School** | 2021 - 2023

With Honors

## PROJECTS

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### **AruCup | Client Project**

React, TypeScript, Supabase, PostgreSQL, Cloudflare Pages

- Designed and built the complete AruCup karate tournament system for registration, brackets, results, and medal reporting; deployed the React frontend on Cloudflare Pages, with Supabase providing PostgreSQL, authentication, and backend functions.
- Engineered single-elimination brackets with balanced byes and dojo separation, role-based access, and result corrections with audit trails; added CSV/Excel registration imports with eligibility checks and PDF placement and medal-tally exports.

### **Sheilz POS Web | Coffee Shop Administration**

Next.js, React, TypeScript, Supabase, PostgreSQL

- Established the initial database schema and security policies; implemented authentication, role-based access control, staff administration, and audit logging across the web dashboard.
- Connected sales dashboards and inventory-turnover analytics to database queries; implemented service health checks, bulk historical sales entry, and Excel/PDF reports that reflected selected filters.

### **P.A.C.E. | Pasig Alumni Career and Employability**

Next.js, TypeScript, Python, FastAPI, SQLAlchemy, PostgreSQL, Gemini API, Docker

- Created job-listing and prediction data models, migrations, and APIs; connected existing employability, salary, job-search-duration, and ARIMA forecasting services to stored alumni data and saved results.
- Developed a Gemini-powered AI career advisor using alumni employability results and conversation history; built faculty forecasting reports with confidence bands, model diagnostics, and selectable forecast periods.

### **Pharmacy Inventory Management System**

Python, Django REST Framework, JavaScript, PostgreSQL, Gmail API

- Developed API-backed product management, archive and restore workflows, order views and filters, live dashboard counts, and PDF exports for stock, orders, and transactions.
- Implemented Admin, Staff, and Clerk permissions, account administration, and password recovery; added credential-based login with email one-time passwords (OTPs) delivered through the Gmail API.

## AWARDS AND ACHIEVEMENTS

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- 1st Place, Database Programming - 14th National IT Skills Olympics
- 1st Place, Best Presenter - 4th Regional Student Research Colloquium (Sheilz POS)

## CLOUD LEARNING CREDENTIALS

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- Google Cloud Fundamentals: Core Infrastructure - Badge
- Introduction to Cloud Infrastructure: Describe Azure management and governance - Trophy
- Introduction to Cloud Infrastructure: Describe cloud concepts - Trophy