Denil Dominic

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Education

DePaul University   **Graduation: August 2025**
Bachelor of Computer Science — Software Development Concentration   *Chicago, IL*
- Dean's List — **GPA: 3.55**
- Courses: Data Structures & Algorithms, Object-Oriented Programming, Distributed Systems, Global Software Development, Data Analysis, Compiler Design, Database Programming, Agile Software Development, Intro to Android Development

Work Experience

Amazon   **July 2021 – Present**
Fulfillment Center Associate   *Kenosha, WI*
- Adapted to multiple technical roles including packing, stowing, picking and problem-solving stations, applying cross-trained skills to enhance operational efficiency in a high-volume fulfillment center.
- Collaborated with team members and supervisors to meet daily productivity targets, consistently exceeding performance metrics through effective time management and teamwork.

Walmart   **October 2020 – January 2021**
Tech Department Associate   *Gurnee, Illinois*
- Assisted customers with technical issues related to electronics, providing troubleshooting support and product recommendations to enhance customer satisfaction.
- Configured, updated, and tested electronic systems prior to customer use, which led to improved customer experience.

Projects

JobLedger | *Website* | *Source Code*   **NextJS | ReactJS | TypeScript | Tailwind | PostgreSQL**
- Built an AI-powered job tracker app with **Next.js**, **TypeScript**, **Prisma**, **PostgreSQL**, **Tailwind** and **shadcn/ui** that lets users save job postings, and parse resume with AI scoring and features job search via the Adzuna API deployed on Vercel.
- Implemented clean **REST APIs**, data models, and **CI/CD** with strong error handling, achieving smooth UX and responsive design.

chiCommute | *Website* | *Source Code*   **ReactJS | TypeScript | Vercel | Firebase**
- Built a mobile-responsive web app that surfaces real-time CTA bus and 'L' train arrivals, unifying two public transit APIs behind a sleek **ReactJS** and **TypeScript** frontend, deployed on **Vercel** with **Firebase** backend.
- Eliminated class-of-undefined errors and improved maintainability by defining **TypeScript** models/adapters across the client/API layers while emphasizing component reusability and predictable error handling for reliable UX.

ByteBudget App | *Website* | *Source Code*   **ReactJS | TypeScript | Prisma | Tailwind**
- Created a full-stack budget tracking app using **ReactJS**, **TypeScript**, **Prisma**, and **Tailwind CSS** that allows users to set budgets, track expenses, and visualize spending patterns with dynamic charts.
- Made the app production ready with Zod validation APIs, JWT httpOnly authentication, **Docker** parity for dev and production.

Work-Desk Reservation System | *Source Code*   **Java | Spring Boot | OAuth 2.0 | AWS | Apache Kafka**
- Developed a microservices desk-reservation platform (backend only) using **Java Spring Boot**, **AWS** (EC2, RDS, S3), and **Apache Kafka** for inter-service communication, enabling employees to reserve work desks efficiently.
- Implemented **OAuth 2.0** authentication and role-based access control using Kafka.

Tetris Game | *Source Code*   **Java | JavaFX | CSS | Maven | JUnit**
- Created a **Maven**-based Tetris game using **JavaFX** for the GUI, implementing core game mechanics such as piece rotation, line clearing, and scoring.
- Wrote 20+ **JUnit** tests to prevent regressions and ensure code quality, achieving **85%** code coverage across game logic components.

Core Competencies

Languages: Java, TypeScript, JavaScript, HTML/CSS, Python, SQL, C/C++, Bash

Developer Tools: AWS, Postman, PowerBI, Git, Azure, Docker, Jira, Android Studio, Bootstrap, Spring Boot, Kafka

Libraries/Frameworks: Spring Boot, ReactJS, PostgreSQL, NextJS, VueJS, NodeJS