

# Denil Dominic

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## SUMMARY

Aspiring Software Developer with strong foundations in data structures, algorithms, and systems, building reliable services in Java/Node and typed front ends in TypeScript/React. Implemented API normalization, exponential backoff, and error-handling patterns; wrote thorough unit tests (JUnit) and CI-ready builds (Maven). Experienced with SQL, AWS, Git, and debugging production-style issues.. Seeking software development roles where robustness and developer ergonomics matter.

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## EDUCATION

### DePaul University, Jarvis School of Computing & Digital Media

*Bachelor of Science, BS, GPA 3.55, Dean's List*

Computer Science

Concentration in Software Development

Chicago, Illinois

*Graduated August 2025*

- **Relevant Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Global Software Development, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications, Compiler Design, Software Projects, Android Development, Agile Software Development, Data Analysis, Database Programming
- **Mathematics Coursework:** Discrete Mathematics, Algorithms
- **Programming Coursework:** Java, Python
- **Systems Coursework:** Computer Systems, Databases, Distributed Systems

## PROFESSIONAL EXPERIENCE

### Amazon MKE1

*Fulfillment Center Associate*

Kenosha, Wisconsin

*July 2021 – Present*

- Adapted to multiple technical roles including stowing, picking, packing, and problem-solving stations, applying cross-trained skills to support operational needs.
- Operated handheld scanners and warehouse management systems to track inventory, process orders, and resolve exceptions in real time.
- Collaborated with shift leads and associates to troubleshoot system errors, workflow bottlenecks, and scanning discrepancies.

### Walmart Associates, Inc.

*Tech Department Associate*

Gurnee, Illinois

*Oct 2020 – May 2021*

- Assisted customers with the selection, setup, and troubleshooting of consumer electronics including computers, mobile devices, and home entertainment systems.
- Collaborated with team members to manage device inventory, track stock using digital systems, and ensure product availability.
- Configured, updated, and tested electronic systems prior to customer use, ensuring reliability and security.

### CVS Caremark, LLC

*Pharmacy Technician*

Mount Prospect, Illinois

*Sept 2019 – Nov 2019*

- Assisted pharmacists in preparing, labeling, and dispensing prescription medications in compliance with state and federal regulations.
- Entered and verified patient and prescription information into pharmacy systems with a high degree of accuracy.
- Operated pharmacy management software to process orders, manage refills, and resolve insurance claim issues.

PROJECTS

chiCommuters App

Fullstack Developer

Chicago, Illinois

Apr 2025- June 2025

- Built a mobile-responsive web app that surfaces real-time CTA bus & ‘L’ train arrivals, unifying two public transit APIs behind a single interface.
- Delivered an integrated dashboard to switch between bus/train views in ≤2 taps with searchable routes/stops and user preference caching.
- Designed a typed API layer (Next.js API Routes) that normalizes disparate CTA schemas, adds retry with exponential backoff, request de-duplication, and robust error handling.
- Wrote TypeScript models and adapters for API responses to eliminate class-of-undefined errors and improve maintainability.

ByteBudget App

Fullstack Developer

Chicago, Illinois

September 2025- October 2025

- Built ByteBudget end-to-end with Next.js (App Router), TypeScript, React, Tailwind, and shadcn/ui, shipping a responsive dark/light interface with charts, forms, and a tidy component library.
- Designed a PostgreSQL + Prisma schema for budgets, categories, transactions, and attachments; wrote migrations, added useful indexes, and built a CSV/XLSX import flow with validation and duplicate prevention.
- Implemented route-handler APIs with Zod validation, JWT auth (httpOnly cookies), file upload guards, and simple rate limiting; added structured logs and error handling for predictable behavior in prod.
- Set up a practical platform workflow: GitHub Actions for type checks, lint, and tests (Vitest/RTL, Playwright), Docker for dev/prod parity, code-split pages, and basic accessibility checks (focus states, ARIA).

Tetris Game

Team Member

Chicago, Illinois

Sep 2024 – Nov 2024

- Developed a Tetris game using Maven and Java programming language.
- Implemented rotation/kick logic and scoring; wrote 20+ JUnit tests to prevent regressions, packaged via Maven.

CORE COMPETENCIES

- **Programming:** Java, Python, JavaScript, HTML/CSS, SQL, Git, Node.js, React.js, Typescript, MATLAB, C++, C,
- **Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile

ACTIVITIES

DePaul Computer Science Society

Member

Jan 2024 – Present

- Networked with industry professionals at guest speaker events.

DePaul Orthodox Christian Fellowship

Member

Jan 2024 – Present

- Participated in community service projects, fostering group engagement and contributing to local charitable initiatives.