

<ANDREW CONTE DIAZ>

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Highly motivated and adaptable Junior Software Developer transitioning to a career in technology, with a passion for building solutions through technology using Python, C++, and JavaScript. With demonstratable experience in web development and database management, strong analytical skills coupled with a keen eye for detail enable me to develop efficient and scalable solutions. Committed to continuous learning and eager to contribute to innovative projects while collaborating with cross-functional teams to drive impactful outcomes.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPMENT BOOTCAMP

JUST IT TRAINING LTD

December 2023 – Present

- Demonstrated effective communication skills through frequent presentations and team discussions, adept at simplifying intricate technical concepts for diverse audiences.
- Actively participated in peer code reviews, offering constructive feedback to promote a collaborative learning atmosphere and enhance coding practices.

Projects:

To-Do List Application - <https://diaz21.github.io/To-Do-List/>

Overview: Developed a user-friendly To-Do List application to streamline task management and boost productivity.

Key Features:

- Simple interface for adding, editing, and deleting tasks.
- Local storage integration for saving tasks across sessions.
- Responsive design for seamless user experience across devices.

Challenges: Navigated JavaScript DOM manipulation and browser storage implementation as a beginner developer.

Achievements: Successfully delivered a functional and intuitive app, showcasing problem-solving skills and commitment to learning.

Future Improvements: Plan to enhance app with advanced features like task reorganisation and deadline reminders.

FilmFlix App - <https://replit.com/@AndrewD40/filmFlix-App>

Overview: Developed FilmFlix, a Python application for movie discovery and exploration, showcasing skills in database management and user interface design.

Key Features:

- Access to a comprehensive movie database stored in SQLite.
- Search functionality for finding movies based on various criteria.
- Intuitive user interface in the terminal for easy navigation.

Challenges:

- Learning and implementing SQLite database management for storing and retrieving movie data.
- Designing an intuitive user interface within the constraints of the terminal environment.
- Ensuring efficient and optimized search functionality to handle large datasets.

Achievements: Successfully delivered a functional FilmFlix application, demonstrating proficiency in database management and terminal interface design.

Future Improvements: Aspire to expand FilmFlix into a full-fledged web or desktop application for enhanced user experience and accessibility

EDUCATION

Mechatronics

De Montfort University

Postgraduate Diploma, Merit

2016-2018

Mechanical Engineering

Kingston University

BEng (Hons)

2012-2015

2:1

CORE SKILLS

Web Technology:

HTML

CSS

Vanilla JavaScript

Bootstrap

Flask

Database Design:

MySQL

MongoDB

SQLite

Programming Languages:

C++

Python

SALES ASSISTANT

SCREWFIX LTD.

January 2024 - Present (Part-time)

- Proactively resolved customer inquiries and concerns, consistently achieving high satisfaction scores and earning commendations for exceptional service delivery.
- Demonstrated exceptional communication skills by effectively conveying complex product information and promotions, resulting in a 10% increase in sales revenue.

JUNIOR PROJECT MANAGER

RIVER WOODWORK LTD

September 2022 – August 2023

- Orchestrated collaborative efforts with architects, interior designers, and trades to deliver top-tier service and bespoke products, achieving high client satisfaction rates.
- Designed and delivered production drawings meeting strict client specifications and deadlines for manufacturing, ensuring 100% compliance.
- Oversaw the manufacturing and installation of bespoke cabinets and joinery in prime commercial and residential properties across London and the South East, ensuring seamless project execution and on-time delivery.

CAD TECHNICIAN

BESTWELD LTD

May 2022 – July 2022

- Spearheaded and managed design processes from inquiry to completion, streamlining workflow process.
- Took initiative to lead the design process from inquiry to completion, implementing CAD design standards and creating high-quality CAD drawings. Resolved issues promptly to maintain project timelines and quality standards.
- Successfully streamlined workflow processes, resulting in improved efficiency and reduced turnaround times. By adhering to design specifications and implementing CAD design standards, ensured the production of high-quality CAD drawings that exceeded client expectations.

TECHNICAL ASSISTANT

ELSTEAD LIGHTING LTD

July 2019 – May 2022

- Led cross-functional teams to efficiently deliver innovative lighting solutions within project timelines, resulting in successful project completions.
- Cultivated strong relationships with global suppliers, facilitating clear communication and smooth project delivery across multiple projects.
- Assisted in product review and technical evaluation, ensuring adherence to production standards and enhancing product quality.
- Collaborated with factory engineers to understand manufacturing processes and improve product quality.
- Adapted UL decorative lighting to CE specifications, enhancing functionality and ease of installation.
- Managed Bill of Materials for UK-made products, facilitating successful market launches.

HOBBIES & INTERESTS

- Muay Thai
- Kickboxing
- Bouldering
- Weight-lifting
- Boxing
- Video games

</JUNIOR SOFTWARE DEVELOPER>