

<ANDREW CONTE DIAZ>

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Energetic and adaptable Junior Software Developer with a passion for leveraging technology to solve complex problems. Proficient in languages such as Python, C++, and JavaScript, with hands-on 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. With a solid foundation in software engineering principles and a growth mindset, I am poised to make meaningful contributions to your team.

PROFESSIONAL EXPERIENCE

STUDENT

JUST IT TRAINING LTD

December 2023 – March 2024

- Proficient in essential programming languages, including HTML, JavaScript, CSS, and Python, with expertise spanning both frontend and back-end development.
- 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.
- Utilized career resources offered by the bootcamp, including resume workshops and mock interviews, to refine professional branding and prepare for job applications.

JUNIOR PROJECT MANAGER

RIVER WOODWORK LTD

September 2022 – August 2023

- Collaborated with architects, interior designers, and trades to deliver top-tier service and products to diverse clientele.
- Designed production drawings meeting strict client specifications and deadlines for manufacturing.
- Supervised manufacturing and installation of bespoke cabinets and joinery in prime commercial and residential properties across London and the South East.

CAD TECHNICIAN

BESTWELD LTD

May 2022 – July 2022

- Organized and managed design processes from inquiry to completion, ensuring seamless workflow.
- Prepared CAD drawings, resolving any issues and ensuring compliance with specifications.
- Maintained CAD design standards to guarantee output quality and adherence to client requirements.

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

PROFESSIONAL EXPERIENCE

TECHNICAL ASSISTANT

ELSTEAD LIGHTING LTD

July 2019 – May 2022

- Supported design and product teams in delivering innovative lighting solutions within project timelines.
- Established strong relationships with global suppliers, facilitating clear communication across projects.
- Assisted in product review and technical evaluation, ensuring adherence to production standards.
- 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.

PROJECTS

TO-DO LIST APPLICATION

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

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.

HOBBIES & INTERESTS

- Muay Thai
- Kickboxing
- Boulderer
- Weight-lifting
- Video games

</ JUNIOR SOFTWARE DEVELOPER >