<ANDREW CONTE DIAZ>

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Driven junior software developer with a background in engineering, specialising in web development, Python, and database management systems. Passionate about leveraging technology to solve real-world problems and enhance user experiences. Demonstrated ability to adapt quickly, collaborate effectively, and deliver high-quality projects in a dynamic environment. Eager to continue learning and contribute to innovative projects in the tech industry.

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 LIGHT ING LTD
July 2019 – May 2022
• Supported design and product teams in delivering innovative
lighting solutions within project timelines.
• Established strong relationships with global suppliers, facilitatingclear 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
- Bouldering
- Weight-lifting
- Video games

</JUNIOR SOFTWARE DEVELOPER>