<ANDREW CONTE DIAZ>

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A highly motivated and adaptable Junior Software Engineer transitioning to a career in technology, possessing a passion for building solutions through Python, C++, and JavaScript. Demonstrable experience in web development and database management, exhibits strong analytical skills and a keen eye for detail, facilitating the development of efficient and scalable solutions. Committed to continuous learning, 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://diaza21.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 LIGHT ING 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 ENGINEER>