

Daniel Durant

Full Stack Software Developer

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As a Full Stack Software Developer, leveraging extensive experience in developing robust web applications using technologies such as JavaScript, Python, React, and Flask to implement comprehensive tech stacks. This approach ensures meeting specific job requirements, creating seamless integration, and enhancing functionality. Over the past five years, managing teams and projects across various industries has honed strong problem-solving skills and the ability to thrive in dynamic environments.

Skills

Languages: JavaScript, HTML5, CSS3, Python, YAML, Git, Command Line, PowerShell

Frameworks/Libraries: React, Flask, Bootstrap, SQLAlchemy, GraphQL, Node.js

Databases: SQL, MySQL, PostgreSQL

Tools/DevOps: GitHub, RESTful APIs, ORM, WebSocket, Data Structures, Algorithms

Projects

Advanced E-Commerce API (Secure Storage, CI/CD Pipeline, Testing, Documentation – Python, Flask, SQLAlchemy, PostgreSQL, JWT, Swagger) A secure and scalable E-Commerce API with role-based access control, automated testing, and comprehensive documentation.

[Project Link](#)

- Deployed the application through Render web services using a CI/CD pipeline documented within the .github/workflow directory under main.yaml, allowing for automated testing and deployment as the application scales in production.
- Utilized werkzeug.security for password hashing and JWT for secure access, embedding user roles within tokens to ensure role-based access control.
- Developed RESTful APIs for communication between various components, ensuring smooth data exchange and real-time updates.
- Conducted thorough testing using unittest and Faker to create mock objects and endpoints, ensuring the API's performance, security, and reliability under various constraints.
- Documented data structures, endpoints, and errors using Swagger, providing comprehensive and interactive API documentation.

Factory Management (Modular Design, RESTful API, Advanced Search Queries – Python, Flask, SQLAlchemy, MySQL, Swagger) A modular and scalable API for managing factory operations, with advanced search queries and comprehensive documentation. [Project Link](#)

- Designed a modular API structure for readability, navigation, and debugging, with each file and folder serving a specific purpose.
- Developed a scalable RESTful API using SQLAlchemy for API calls and data validation, ensuring robust data handling and security.
- Developed a special "view orders" endpoint to present detailed customer and order information, facilitating seamless frontend integration.
- Automated stock updates based on daily production and order entries, ensuring accurate inventory management.
- Documented data structures, endpoints, and errors using Swagger, providing comprehensive and interactive API documentation.

Experience

Software Engineer Trainee: Coding Temple | Remote

Feb 2024 - Oct 2024

- Developed full-stack web applications using React for the frontend and Flask for the backend, demonstrating proficiency in modern web development technologies and best practices.
- Collaborated with a team to integrate third-party APIs, showcasing the ability to work with complex systems and modern tech stacks.
- Implemented efficient solutions to challenging coding problems, enhancing the functionality and performance of applications.
- Adapted quickly to new programming concepts and technologies, showcasing a strong ability to learn and apply knowledge effectively under tight deadlines.

- Effectively communicated technical concepts and project progress with team members, ensuring smooth collaboration and project success.

Location Manager: Agri Trails Coop | Pearl, Kansas

Jan 2020 – Present

- Manage a team of 1-5 employees, ensuring efficient operations at a location with a capacity of 540,000 bushels, handling a minimum of 900,000 yearly bushels.
- Increased production speed by 200% through the implementation of optimized workflows and process enhancements.
- Recovering lost customers and expanding the customer base, leveraging strong customer service skills to build and maintain trust.
- Plan and execute new construction projects and infrastructure improvements, demonstrating strong project management skills.
- Oversee product ordering and inventory management, ensuring timely and accurate inventory levels.

Conductor: Union Pacific Railroad | Herington, Kansas

Sept 2018 - Aug 2019

- Ensured the timely loading and unloading of various freight loads, demonstrating strong logistical coordination skills.
- Adhered to strict safety protocols and operational procedures, ensuring the safe and effective movement of freight trains.
- Addressed and resolved operational challenges to maintain schedule adherence and minimize delays.
- Coordinated with team members and other departments to ensure smooth operations and effective communication.

Education

Coding Temple, Certificate -Software Engineering

Feb 2024 – Oct 2024

Certification Links:

- Coding Temple – [Full Stack Developer](#)
- Coding Temple – [Backend Specialist](#)
- Coursera - [Coding for Beginners: An Easy Introduction](#)