Nathan Keen
Graduate Full Stack Developer

Contact

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Key Skills

- **Problem-Solving:** Analytical thinking, effective debugging
- **Communication:** Clear verbal and written collaboration
- **Time Management:** Prioritizing tasks, meeting deadlines
- **Adaptability:** Quick learner, flexible in dynamic environments
- **Self-Motivation:** Independent work ethic, proactive approach
- **Collaboration:** Team player, cooperative development
- **Creativity:** Innovative UI design, solution-oriented thinking
- **Organisational Skills:** Well-structured code and documentation

Tech Skills

- **Languages:** Python, JavaScript, HTML, CSS
- **Frameworks:** React, Node.js, Flask, Express.js
- **Databases:** MongoDB, PostgreSQL, SQL
- **Front-End Development:** Responsive Design, CSS Grid/Flexbox, JSX, SPA development, React State Management (Hooks)
- **Back-End Development:** RESTful APIs, CRUD Operations, JWT Authentication, Express Middleware, MVC Architecture
- **Tools and Technologies:** VS Code, Shell Scripting, Git, Deployment Tools
- **Software Development Practices:** TDD, Async/Await, Event Handling, Global State Management

Summary

Motivated Full Stack Developer with a strong foundation in both front-end and back-end development, proficient in modern web technologies including JavaScript, React, Node.js, and Python. Experienced in building responsive, user-friendly web applications and ensuring cross-platform functionality. Strong problem-solving skills, adaptability, and effective teamwork make me a valuable asset to development teams.

Education

(2024-2025)

CODER ACADEMY

Diploma of Information Technology - Web Development

Key Projects

PROJECT NAME:

Blogger Platform API Webserver

Technologies Used: Python, Flask, PostgreSQL, SQLAlchemy, JWT, Marshmallow, Git, Trello

- **Objective:** Developed a RESTful API server for a blogging platform, providing a CMS environment for managing blog content with multi-user roles and secure access.

Key Features:
- **Authentication:** JWT-based authentication with Role-Based Access Control (RBAC).
- **Content Management:** CRUD functionality for blogs, comments, likes, and categories.
- **Media Support:** Image and video uploads tied to blog posts.
- **Database Design:** Used PostgreSQL and SQLAlchemy ORM for data integrity.
- **Collaboration Tools:** Trello for task tracking and GitHub for version control.

This project demonstrated skills in backend API development, security, and database management.

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Key Projects

PROJECT NAME:
Rugby League Results Tracker

Technologies Used: Python, JSON, Trello, GitHub

- **Objective:** Developed a Python application to track and manage rugby league results, enabling users to view match results, add new games, track top-scoring teams, and list teams and stadiums.

Key Features:
- **Interactive Menu:** Provides options to view matches, add games, and list teams and stadiums.
- **Data Storage:** Uses JSON to store and retrieve match data persistently.
- **Statistics:** Calculates the top-scoring team and generates lists of stadiums and teams.
- **Project Management:** Used Trello for task tracking and GitHub for version control.

This project demonstrated skills in data handling, file-based storage, and user interface design within a command-line application.

PROJECT NAME:
Nathan's Portfolio Website
https://nathan-portfolio-t1a2.netlify.app/
Technologies Used: HTML5, CSS, Figma, Trello, Git, VS Code, Netlify

- **Objective:** Created a five-page responsive portfolio website to showcase skills, projects, and experience in web development for potential employers and clients.

Key Features:
- **Interactive Components:** Includes a consistent header, navigation, and footer with social links on all pages.
- **Pages: Home,** About, Portfolio (with project cards), Blog (articles with hover effects), and Contact (form with interactive styling).
- **Responsive Design:** Designed wireframes in Figma for mobile, tablet, and desktop views.
- **Project Management:** Used Trello for task tracking and Git for version control.

This project demonstrates skills in web design, responsive layout, and user engagement through interactive elements.

Professional Experience

TRUCK DRIVER
Followmont Transport | 2021 - Present

- Managed and adhered to strict schedules, ensuring timely deliveries and demonstrating effective time management under pressure.

- Resolved unexpected issues during routes, showcasing strong problem-solving skills and adaptability.

- Maintained accurate delivery logs and performed comprehensive vehicle inspections, highlighting attention to detail.

- Worked independently over long distances, demonstrating self-motivation and the ability to complete tasks without direct supervision.

- Communicated with dispatchers and clients to coordinate logistics, ensuring clear and efficient communication.

COURIER
Cahill's couriers | 2014 - 2021

- Delivered packages to multiple locations on a strict schedule, demonstrating reliability and effective time management.

- Developed strong customer service skills by interacting with clients during deliveries.

- Maintained accurate delivery logs and coordinated with dispatch, emphasizing attention to detail and communication.

- Adapted to changing routes and last-minute assignments, showcasing flexibility and problem-solving abilities.