

# David Odonnell

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New Michelleville

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## Summary

Enthusiastic and detail-oriented software developer with over 5 years of experience in building scalable web applications. Proficient in a range of technologies, with a strong focus on **Django** and **Kubernetes**. Known for delivering high-quality code and optimizing application performance. Seeking to leverage my skills in a dynamic environment to contribute to innovative projects.

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## Experience

### Software Developer

**Innovate Solutions**, New Michelleville

*June 2020 - Present*

- Developed and maintained a **Real-time Chat System** using **Django** and **WebSocket**, improving user engagement by 40%.
- Implemented CI/CD pipelines using **Jenkins** and **Kubernetes**, reducing deployment time by 50%.
- Collaborated with a team of 6 developers to design microservices architecture for a **Payment Processing System**, enhancing transaction speed and reliability.

### Junior Developer

**TechWave Inc.**, New Michelleville

*January 2018 - May 2020*

- Assisted in the development of web applications using **React** and **TypeScript**, achieving a 30% increase in user satisfaction based on feedback.
- Conducted database management and optimization tasks with **MySQL** and **PostgreSQL**,

ensuring data integrity and performance. - Contributed to various team projects, including microservices integration, resulting in improved application scalability.

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## Skills

- **Django** (Expert)
  - **Kubernetes** (Advanced)
  - **TypeScript** (Advanced)
  - **JavaScript** (Intermediate)
  - **React** (Intermediate)
  - **Python** (Intermediate)
  - **Flask** (Intermediate)
  - **MongoDB** (Intermediate)
  - **MySQL** (Intermediate)
  - **PostgreSQL** (Intermediate)
  - **Microservices** (Intermediate)
  - **Jenkins** (Intermediate)
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## Projects

### Real-time Chat System

- Designed and implemented a chat application that supports real-time communication for users.
- Employed **Django** for the backend and **React** for the frontend, ensuring a responsive user experience.
- Integrated user authentication and messaging features, resulting in a 40% increase in engagement.

### Payment Processing System

- Developed a secure payment processing system using **Microservices** architecture, which streamlined transaction processes.
  - Leveraged **Flask** for service management and **MongoDB** for data storage, achieving a 99.9% uptime in production.
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## Certifications

- **Certified Django Developer** – Django Software Foundation, 2021
  - **Kubernetes Administrator** – Cloud Native Computing Foundation, 2022
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## Education

### **Bachelor of Science in Computer Science**

University of New Michelleville, New Michelleville

*Graduated: May 2017*

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David Odonnell – Passionate programmer dedicated to crafting efficient solutions and enhancing user experiences through innovative technology.