

# Shannon Berry

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West Lucasfurt

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## Summary

Dynamic and detail-oriented programmer with over 5 years of experience in developing robust applications and enhancing data-driven decision-making. Proficient in a range of programming languages and frameworks, with a strong focus on backend development and data science. Proven track record of delivering high-quality projects on time and within budget, while collaborating effectively with cross-functional teams.

## Experience

### Senior Software Engineer

*Tech Innovators Inc., West Lucasfurt*

*January 2021 - Present*

- Led the development of a **Payment Processing System** that handles over 10,000 transactions daily, improving transaction speed by 30% using **Node.js** and **Python**.
- Collaborated with the data science team to implement an **Analytics Dashboard** that visualizes key performance metrics, resulting in a 25% increase in actionable insights for stakeholders.
- Championed best practices in **DevOps** and CI/CD pipelines using **Jenkins**, reducing deployment time by 40%.

### Software Developer

*NextGen Solutions, West Lucasfurt*

*June 2018 - December 2020*

- Developed and maintained web applications using **JavaScript** and **Vue.js**, enhancing user engagement by 20% through improved UI/UX designs.
- Implemented machine learning algorithms for predictive analysis, which increased

sales forecasting accuracy by 15%. - Assisted in the migration of legacy systems to modern architectures, utilizing **FastAPI** and cloud services.

## Skills

- **Node.js:** Expert
- **JavaScript:** Advanced
- **Python:** Advanced
- **Machine Learning:** Advanced
- **Data Science:** Advanced
- **FastAPI:** Intermediate
- **Vue.js:** Intermediate
- **DevOps:** Intermediate
- **Jenkins:** Intermediate
- **Angular:** Beginner

## Projects

### Payment Processing System

- Designed a secure and scalable payment processing system that integrates with multiple payment gateways, ensuring high availability and reliability. - Achieved a 99.9% uptime and reduced transaction failures by 15% through rigorous testing and optimization.

### Data Analytics Dashboard

- Developed a comprehensive analytics dashboard that consolidates data from various sources, allowing users to gain insights and track KPIs in real-time. - Enhanced data visualization features, leading to a 30% increase in user adoption across departments.

## Education

### Bachelor of Science in Computer Science

*University of West Lucasfurt*

*Graduated: May 2018*

- Relevant Coursework: Data Structures, Algorithms, Web Development, Machine Learning

## Certifications

- **Certified Data Scientist** - Data Science Academy, 2020
- **DevOps Foundation Certification** - DevOps Institute, 2021
- **Machine Learning Specialization** - Coursera, 2019

## References

Available upon request.