# Michelle Dean

**Email:** karen31@example.net

**Location:** Port Sara

## Summary

Enthusiastic and dedicated programmer with over 5 years of experience in software development, specializing in building scalable web applications and microservices architectures. Proven track record in data science and database management, with a commitment to delivering high-quality solutions. Adept at collaborating with cross-functional teams to drive project success and enhance user experiences.

## Experience

### Software Engineer

**Tech Solutions Inc.** — Port Sara, CA
*June 2020 - Present*

- Developed a **Web Application** that increased user engagement by 30% through improved UI/UX design and optimized backend services.
- Architected and implemented a **Microservices Architecture** that improved application scalability and reduced deployment times by 40%.
- Led a team of 4 in the creation of a **Content Management System** that streamlined content delivery processes, resulting in a 25% reduction in content publishing time.
- Utilized **Redis** for caching, enhancing application performance and reducing response times by 50%.

## Junior Developer

**Innovatech Corp.** — Port Sara, CA
*August 2017 - May 2020*

- Collaborated with senior developers to enhance database performance using **MySQL** and **PostgreSQL**, achieving a 20% increase in data retrieval speed.
- Assisted in the deployment of applications using **Jenkins**, gaining hands-on experience with CI/CD pipelines.
- Developed RESTful APIs in **Django**, ensuring seamless integration of front-end and back-end systems.

---

# Skills

- **JavaScript**: Intermediate
- **Redis**: Advanced
- **Data Science**: Advanced
- **Java**: Intermediate
- **Jenkins**: Beginner
- **Django**: Advanced
- **MongoDB**: Intermediate
- **MySQL**: Advanced
- **Kubernetes**: Expert
- **PostgreSQL**: Beginner

---

# Projects

- **Web Application**: Designed and developed a multi-user web application that supports real-time data processing, utilized technologies such as JavaScript and Django.
- **Microservices Architecture**: Successfully transitioned a monolithic application to a microservices architecture, enhancing modularity and maintainability while achieving a 40% reduction in operational costs.

- **Content Management System**: Spearheaded the development of a CMS that allowed users to create, manage, and publish content efficiently, leading to a 25% increase in productivity.

---

## Education

**Bachelor of Science in Computer Science**
**Port Sara University** — Port Sara, CA
*Graduated: May 2017*

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Web Development

---

## Certifications

- **Certified Kubernetes Administrator (CKA)** — 2023
- **Data Science Professional Certificate** — 2022

---

## References

Available upon request.