

# Heather Hamilton

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**Email:** zmitchell@example.net

**Location:** Caitlintown

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## Summary

Innovative and results-driven programmer with over 5 years of experience in full-stack development, specializing in modern web technologies. Proven ability to design and implement scalable applications and microservices, with a strong focus on performance and user experience. Passionate about leveraging advanced tools and frameworks to create impactful solutions and enhance operational efficiencies.

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## Experience

### Senior Software Developer

**Tech Innovations Inc., Caitlintown**

*January 2021 - Present*

- Led the development of a **Data Analytics Dashboard** that improved data retrieval times by 40%, enabling real-time insights for stakeholders.
- Designed and implemented a **Real-time Chat System** using Angular and Node.js, enhancing user engagement by 30% through improved communication features.
- Collaborated with cross-functional teams to adopt **DevOps** practices, decreasing deployment times by 50% and improving software reliability.

## Software Engineer

### Web Solutions Co., Caitlintown

*June 2018 - December 2020*

- Developed responsive web applications using **Vue.js** and **Flask**, resulting in a 25% increase in user satisfaction ratings.
- Contributed to the creation of a **Microservices Architecture**, facilitating easier scaling and maintenance of applications.
- Utilized **PostgreSQL** for database management, optimizing queries to reduce load times by 20%.

## Junior Developer

### StartUp Hub, Caitlintown

*May 2016 - May 2018*

- Assisted in the development of various web applications, gaining hands-on experience with **Git** for version control and collaboration.
  - Worked on projects involving **Redis** for caching, which improved application performance for high-traffic scenarios.
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## Skills

- **Angular:** Expert
  - **Vue.js:** Expert
  - **Flask:** Intermediate
  - **Node.js:** Intermediate
  - **PostgreSQL:** Advanced
  - **DevOps:** Advanced
  - **Git:** Expert
  - **Redis:** Beginner
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## Projects

- **Web Application:** Developed a multi-user web application utilizing Flask and PostgreSQL, which supported over 10,000 active users with a 99.9% uptime.
  - **Microservices Architecture:** Spearheaded the migration of a monolithic application to a microservices architecture, resulting in a 50% reduction in deployment time and improved scalability.
  - **Data Analytics Dashboard:** Created a real-time analytics dashboard that processed and displayed data from multiple sources, leading to actionable insights and strategic decisions.
  - **Real-time Chat System:** Engineered a chat system that integrated seamlessly with existing applications, enhancing user interaction and support capabilities.
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## Certifications

- **Scrum Master Certification** - Certified in Agile methodologies to lead teams effectively.
  - **AWS Certified Solutions Architect** - Expertise in designing distributed systems on AWS.
  - **Certified Kubernetes Administrator** - Proficient in orchestrating containerized applications using Kubernetes.
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## Education

### Bachelor of Science in Computer Science

#### University of Caitlintown

*Graduated: May 2016*

- Graduated with Honors, focusing on Software Development and Network Systems.
  - Completed a capstone project on building a scalable web application that was deployed on AWS.
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*References available upon request.*