

# Steve Barber

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**Email:** brooke26@example.com

**Location:** New York, United States

## Summary

Passionate and results-driven software engineer with over 5 years of experience in building scalable applications and implementing innovative solutions. Proficient in advanced Java and FastAPI development, with a strong foundation in machine learning and DevOps practices. Proven track record of delivering projects that enhance operational efficiency and drive business growth. Strong communicator and team player with a commitment to continuous improvement.

## Experience

### Senior Software Engineer

#### Tech Innovations, New York, NY

*June 2021 - Present*

- Led the development of an **API Gateway** which improved system performance by 30% and streamlined data access across microservices.
- Designed and implemented a **Data Analytics Dashboard** using FastAPI and Redis, enabling real-time data visualization and improved decision-making for stakeholders.
- Collaborated with cross-functional teams to integrate machine learning models into existing applications, resulting in a 25% increase in predictive accuracy.
- Mentored junior developers, fostering an environment of learning and growth.

### Software Engineer

#### NextGen Solutions, New York, NY

*January 2019 - May 2021*

- Developed and maintained robust microservices architecture, increasing application

scalability and reducing deployment times by 40%. - Implemented DevOps practices that reduced deployment errors by 20% and improved CI/CD pipeline efficiency. - Assisted in the migration of legacy systems to cloud-based solutions, contributing to a 15% reduction in operational costs.

## Skills

- **Java:** Advanced
- **FastAPI:** Advanced
- **Redis:** Advanced
- **Microservices:** Advanced
- **Machine Learning:** Intermediate
- **DevOps:** Intermediate
- **Flask:** Beginner

## Projects

### API Gateway

- Developed an API Gateway that facilitated communication between multiple microservices, significantly improving response times and reducing server load by 30%.

### Data Analytics Dashboard

- Created a comprehensive data analytics dashboard that utilized FastAPI and Redis to provide real-time insights, leading to enhanced strategic planning and operational efficiency.

## Certifications

- **Scrum Master Certification** | Scrum Alliance
- **AWS Certified Solutions Architect** | Amazon Web Services

## Education

### Bachelor of Science in Computer Science

*University of New York, New York, NY*

*Graduated: May 2018*

- Dean's List for academic excellence
- Completed coursework in Data Structures, Algorithms, and Machine Learning

## Additional Information

- Actively contributed to open-source projects which have garnered over 500 stars on GitHub.
- Regular participant in local tech meetups and hackathons, fostering community engagement and knowledge sharing.

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*References available upon request.*