

# Stephen Choi

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**Email:** harold11@example.org

**Location:** Cairo, Egypt

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## Summary

Enthusiastic and detail-oriented programmer with over 5 years of experience in software development and a strong focus on cloud computing and machine learning. Proven ability to design and implement robust applications and pipelines that enhance operational efficiency. Seeking to leverage my expertise in AWS, Kubernetes, and machine learning to contribute to innovative projects that drive organizational success.

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## Experience

### Senior Software Engineer

**Tech Innovations Inc.** – Cairo, Egypt

*June 2020 - Present*

- Led the development of a **Machine Learning Pipeline** that improved data processing speed by 40%, utilizing **Python** and **Django** to automate data retrieval and model training.
- Designed and implemented an **API Gateway** that streamlined microservices communication, resulting in a 30% reduction in response times using **Node.js** and **Kubernetes**.
- Collaborated with cross-functional teams to migrate applications to **AWS**, enhancing scalability and reducing costs by 25%.
- Managed CI/CD processes with **Jenkins**, ensuring code quality and faster deployment cycles.

## Software Developer

**Cloud Solutions Ltd.** – Cairo, Egypt

*January 2018 - May 2020*

- Developed and maintained web applications using **Vue.js** and **TypeScript**, contributing to a 20% increase in user engagement through improved UI/UX designs.
  - Implemented cloud infrastructure solutions on **AWS**, optimizing resource allocation and achieving savings of up to 15%.
  - Participated in Agile development processes, enhancing team productivity and project delivery timelines.
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## Skills

- **Machine Learning**: Expert
  - **Python**: Advanced
  - **Django**: Expert
  - **AWS**: Advanced
  - **Kubernetes**: Advanced
  - **Jenkins**: Advanced
  - **Node.js**: Intermediate
  - **Vue.js**: Advanced
  - **TypeScript**: Advanced
  - **Go**: Beginner
  - **Angular**: Beginner
  - **FastAPI**: Beginner
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## Projects

- **API Gateway**: Developed a scalable API Gateway for microservices architecture that improved overall application performance and reduced latency by 30%. Utilized **Node.js** and **Kubernetes** for seamless deployment and management.

- **Machine Learning Pipeline:** Created an end-to-end machine learning pipeline that automated data processing and model deployment, achieving a 40% boost in processing speed. Technologies used include **Python**, **Django**, and various ML libraries.
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## Certifications

- **Microsoft Azure Developer**  
*Issued: March 2021*
  - **Google Cloud Professional**  
*Issued: July 2022*
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## Education

**Bachelor of Science in Computer Science**  
**Cairo University** – Cairo, Egypt  
*Graduated: May 2017*

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## Interests

- Passionate about exploring new technologies and frameworks in cloud computing and machine learning.
- Enjoy participating in coding competitions and hackathons to continuously improve coding skills and collaborate with other developers.