

James Choi

SOFTWARE DEVELOPER

Contact Info

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Personal Profile

Aspiring software developer with experience in backend development, cloud computing, and full-stack applications. Strong foundation in data structures, algorithms, and system design, with hands-on experience in Python, Java, and JavaScript. Passionate about building scalable applications, optimizing performance, and developing secure, efficient software solutions. Adept at collaborating with cross-functional teams and applying agile development practices to deliver high-quality software.

Work Experience

Azure Integration Developer

FGF Brands | May 2023 – April 2024

- Created and deployed multiple custom Logic Apps workflows to automate business processes, orchestrate complex workflows, and integrate applications between Azure and on-premise.
- Implemented data pipelines to process business transactions, enhancing efficiency and scalability.
- Designed, developed and implemented over 20 BizTalk maps using XSL, JSON, and C# in Visual Studio to enable data exchange between EDI and XML formats.
- Performed SQL queries for data extraction, transformation, and loading (ETL), ensuring high-quality and consistent data across systems
- Collaborated with SAP development team to customize SAP S/4HANA modules for various customers and 3PLs, aligning with specific business requirements.

ML Specialist Intern

ZeroOne AI | June 2021 – October 2021

- Participated in Korean Telecommunication Corporation (KT) AI project to develop and deploy anomaly detection models using LSTM, CNN, and GAN architectures in Python and TensorFlow, achieving 95% accuracy on test datasets and enabling proactive identification of irregularities in data.
- Conducted feature engineering and data preprocessing using NumPy, Pandas, and SciPy to enhance model performance.
- Created visual reports using Tableau to present findings to stakeholders.

Founder / Programming Instructor

DeepSimple | May 2018 – August 2020

- Designed and deployed a full-stack web application using React, Flask, and AWS, supporting AI education services.
- Provided technical training on software development and AI concepts, fostering a learning community.
- Taught Python and JavaScript fundamentals to beginners, emphasizing secure coding practices.
- Conducted design thinking workshops, teaching software engineering principles to students.

Education

Queen's University

Bachelor of Science | April 2026

Bachelor of Computing

GPA: 3.74

- Specialization in Software Development
- Dean's honour list for 2 consecutive years

Skills

Python

Java

Pytorch, Tensorflow

SQL

Git

Microsoft Azure

Cosmos DB

Certificates

- Azure Fundamentals (AZ-900)
- AWS Certified Cloud Practitioner (In Progress)
- Data Science Fundamentals with Python and SQL – IBM, 2022