B/T Brian Tran

Software Engineer

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ABOUT ME

I was an experienced Actuary who fell in love with programming while automating my work and building apps for my team. Now, I'm a Software Developer at LIDP Consulting Services contributing to a highly flexible and comprehensive system of applications for life insurance companies.

I'm proficient with a wide range of technologies and have experience in building scalable webservices, robust REST APIs, complex ETL data pipelines, and more.

Collaboration, innovation, and continuous improvement drive my approach as I deliver efficient solutions.

EDUCATION

B.S. Applied Mathematics
California State University Polytechnic, Pomona
Magna Cum Laude, GPA: 3.77
President's List 2015-2016

PROJECTS

Ultimate Tic Tac Toe (Python)
- https://github.com/exobrian/UltimateTicTacToe

BlackJack (Java)
- https://github.com/exobrian/BlackJack

Wordy Words (JavaScript)
- https://exobrian.github.io/wordy-words/
- https://github.com/exobrian/wordy-words

Reservation Sytem (Java Spring Boot)
- https://github.com/exobrian/ReservationSystem

WORK EXPERIENCE

Software Developer
LIDP Consulting Services / Chicago, IL / August 2023 – Present

Design, develop, test, and maintain a variety of software in an Agile environment for clients in the life, health, and annuity insurance industry.

- Utilizing tech stack consisting of; Java 11, Spring Boot, Docker, MSSQL, Shell scripts, JavaScript, JBoss, Infinispan, Artemis, Redis, S3, and more.
- Work closely with clients and QA team to identify issues and respond to JIRAs with proper configurations, code fixes, and detailed documentations for release notes.
- Gather detailed requirements and collaborate with clients and team to implement custom features and enhancements.
- Contribute to development and testing of main codebase and custom client branches.

Intermediate Actuarial Analyst & Software Engineer I
ICW Group / San Diego, CA / June 2016 – August 2023

Hybrid work opportunity allowed me to leverage my technical skills to design, develop, and maintain software applications while conducting actuarial analyses and recommend pricing strategies driven by data.

- Developed full stack application in Python to fetch, transform, and process XML/JSON, enabling seamless integration with other applications and services.
- Redesigned internal Excel/VBA pricing application to a scalable Java Spring Boot application hosted on AWS EC2 and S3.
- Automated data exploration and developed interactive dashboards for high-level analytics using VBA, R, SQL, Python, and machine learning libraries.
- Collaborated with IT to create and maintain multiple databases across several servers.
- Trained junior analysts and created monthly technical learning sessions.

SKILLS & TECHNOLOGIES

Bar chart — Years of Experience:
- VBA: 7
- SQL: 7
- SOAP/REST: 5
- Git: 3
- Python: 3
- Java: 3
- Spring Boot: 2
- JavaScript: 2
- HTML/CSS: 2
- Docker: 1
- Linux: 1

YEARS OF EXPERIENCE

Java; Python; JavaScript; SQL (e.g., MSSQL, MySQL); HTML; CSS; Back-end frameworks (e.g., Flask, Spring Boot); Agile software development; Git/GitHub; RESTful APIs; SOAP APIs; Cloud computing (e.g., AWS EC2); Unit Testing (e.g., JUnit); Object-oriented programming (OOP); JIRA; Containerization (e.g., Docker); Python Data Analysis (e.g., Pandas, Scikit-learn); XML; JSON; Problem-solving and critical thinking