

James Joseph Ling

FullStack .Net Developer

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PROFESSIONAL SUMMARY

- I am an experienced Software Engineer with over 6 years of experience in IT and software development, with a passion for creating innovative and scalable web solutions using .NET technologies and Go.
- I have a proven track record in the computer software industry, focusing on full-stack development and software infrastructure. With a Bachelor's degree in Computer Science, I possess a solid understanding of software design patterns and architectural principles.
- I am highly skilled in various programming languages and have hands-on experience not only in implementing different Software Development Life Cycles (SDLC) but also in maintaining both production and development servers.
- In my previous roles, I have gained extensive expertise in cloud computing, MVC, ASP.NET, and C#, along with supporting, refactoring, optimizing, and improving existing code and functionality. I am a team player who values communication, collaboration, and quality.
- I enjoy investigating and implementing solutions using best practices, and I strive to keep my code well-documented. My goal is to excel in software engineering and contribute to the success of my company and clients.

TECHNICAL PROFICIENCIES

Programming Languages

C#, GoLang, Python, JavaScript, TypeScript, SQL, HTML5, CSS3

Frameworks/Libraries

ASP.NET Core, ASP.NET MVC, Django, .NET framework, React.js, React Native, Angular, Vue.js

API Development

RESTful APIs, GraphQL, API Gateway, OAuth

Database Technologies

Microsoft SQL Server, MySQL, PostgreSQL, Firebase

Cloud Services

AWS, Azure, Azure Traffic Manager, Docker, Kubernetes

Version Control

Git, GitHub, Bitbucket

Web Development

PWA, Responsive Design, Cross-Browser Compatibility

DevOps

CI/CD Pipelines, Docker Containers, Kubernetes Orchestration, Azure DevOps

Agile & Collaboration Tools

JIRA, Trello, Confluence, Slack

Performance Optimization

Asynchronous programming, Load Balancing, Data Scaling

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Amazon - Seattle, WA

Full-time, remote | July 2019 - March 2020

Key Responsibilities and Achievements:

- **Back-End Development:** Designed and built a back-end web service using C#, ASP.NET Core, and Amazon internal frameworks for fulfillment center operators to manage associates' labor capabilities.
- **Database Management:** Utilized Oracle SQL databases for efficient and scalable data storage.
- **Front-End Development:** Created responsive and dynamic front-end web pages using Angular, React, and Twitter Bootstrap for an improved user experience.
- **UI/UX Feedback Integration:** Presented design concepts to engineering and operations teams, incorporating UI/UX feedback to enhance usability.
- **Web Widget Development:** Contributed to the development of web widgets for video game landing pages, using JavaScript for improved SEO and user engagement.

Software Engineer

Innowise - St. Petersburg, FL

March 2020 - July 2022

Key Responsibilities and Achievements:

- **Microservices Architecture:** Developed distributed microservices in .NET Core with C#, ensuring scalability and high availability through Azure Traffic Manager for global load balancing.
- **Asynchronous Programming & Data Handling:** Processed over 1 million daily records using asynchronous programming and GoLang's robust queue structures, optimizing performance for high-volume data.
- **API Development:** Created platform APIs for Microsoft Edge extensions, focusing on storage synchronization and persistent messaging, which became essential for extension developers.
- **Data Analysis Tools:** Built an internal web application using Python and Django to analyze user search behavior, summarizing key insights for the business.

- **Companion App Development:** Developed a C#-based Companion App that provided smartphone insights when connected to Windows desktops, improving device diagnostics and management.

Full Stack Developer

Innowise - St. Petersburg, FL

August 2022 - August 2024

Key Responsibilities and Achievements:

- **Full-Stack Development:** Led a student community platform project for web and mobile using React.js, React Native, and Firebase, providing seamless communication and user interaction.
- **Progressive Web Application (PWA):** Developed a PWA for a furniture retailer, ensuring an engaging and performant shopping experience using React and Service Workers for offline access.
- **Health Monitoring Application:** Created an advanced web and mobile application for health monitoring and fitness coaching, integrating real-time analytics and RESTful APIs to track user health data.
- **Software Architecture:** Defined development guidelines, making key architectural decisions using best practices for scalable systems and modular architecture.
- **Collaboration & Agile Practices:** Worked closely with cross-functional teams, implementing Agile methodologies and participating in Scrum meetings to ensure timely project delivery.

EDUCATION

Bachelor's Degree (B.Sc.) in Computer Science

NYU Tandon School of Engineering

April 2014 - March 2018

CERTIFICATIONS

Certified JavaScript Expert

Certified Full-Stack Engineer

HackerRank

Triplebyte