

Johnny Siu

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SUMMARY

Software engineer with over 5 years of experience in creating innovative, scalable solutions. With a strong background in full-stack development, my expertise lies in problem-solving and delivering efficient results. As a fast learner and creative thinker, I excel in dynamic environments where I can drive impactful outcomes.

TECHNICAL SKILLS

Languages: JavaScript, PHP, HTML, CSS, MySQL, C#, PostgreSQL, Python

Frameworks: AngularJS, Unity, React, Redux, Django

Technologies: Tailwind CSS, JQuery, GraphQL, AWS, Jenkins, Docker

Agile Methodologies: Scrum, Kanban

Tools: Confluence, Gitlab (CI/CD)

EXPERIENCE

Outlier

May 2024 – Present

Advanced Coder - AI Training

Remote

- Evaluated AI-generated code for quality, identifying bugs, and providing detailed feedback to improve model performance.
- Created coding prompts, reviewed generated code, and implemented necessary fixes to ensure functionality and accuracy.
- Compared outputs from multiple AI models, assessing tool name and function correctness, and provided recommendations for improvement.

Age of Learning

Aug 2018 – Dec 2022

Software Engineer III

Glendale, CA

- Increased mobile application engagement through the strategic implementation of new features using C#/Unity, resulting in heightened user retention and satisfaction.
- Collaborated with multiple engineering teams and cross-functional partners to establish long-term technical solutions, promoting enhanced communication efficiency and improving overall project coordination.
- Maximized company revenue through collaboration with product managers on A/B testing.
- Developed robust API endpoints with PHP to seamlessly deliver data to our JavaScript/Unity front-end, elevating the application's performance and responsiveness.
- Created and maintained internal tools to improve the efficiency and quality of deployments.
- Conducted code reviews and provided feedback for multiple teams every scrum cycle.
- Updated outdated dependencies to maintain and introduce new features to a legacy AngularJS codebase.

Tilt

Jul 2020 – Mar 2021

Software Engineer (Contract)

Long Beach, CA

- Designed and developed a web application, using React, to facilitate seamless college browsing and application processes for students.
- Replaced REST APIs with GraphQL APIs, reducing client calls by 50% and optimizing backend data handling with Django ORM.
- Utilized WordPress as a headless CMS to dynamically supply and manage original content for our blog.

Transamerica

Jun 2012 – Nov 2017

Accountant

Los Angeles, CA

- Daily reconciliation of trade activities, positions, and dividends for approximately 250 Separate Account funds
- Contributed to testing program updates to enhance system functionality and efficiency

INDEPENDENT INITIATIVES

PDF Genie

Jul 2024 - Aug 2024

<https://pdf-genie-sigma.vercel.app>

- Built a full stack web app using Next.js and React, incorporating Langchain for AI-powered document analysis and Pinecone for efficient data indexing.
- Enabled users to upload PDFs and interact with content through a real-time chat feature, integrating Firebase for backend management and Stripe for secure payment processing.

BOOTCAMPS

Hack Reactor

Los Angeles, CA

Advanced Software Engineering Immersive Program

2018

- 12-week intensive program focused on advanced JavaScript, algorithms, and full-stack web development.

EDUCATION

University of California, Los Angeles

Los Angeles, CA

Bachelor of Science in Applied Mathematics

Aug 2007 – Jun 2011