

Alex Guo

Senior Software Engineer

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SUMMARY

Innovative and technically-astute Senior Software Engineer well-versed in analyzing user needs and developing software to precisely meet diverse needs. Demonstrates mastery of multiple programming languages and proactively keeps up with industry trends. Driven to wear many programming hats with expertise in creating everything from new applications to new operating systems. An effective communicator and an excellent team player who is comfortable working with diverse teams and people.

EXPERIENCE

Senior Technical Team Lead

New York, NY

[Outline It](#)

01/2023 - Present

- Worked with team members to design and develop robust solutions to create an education platform designed for students, teachers and schools.
- Implemented better accessibility features by utilizing customized keyboard and mouse event handlers.
- Introduced an innovative algorithm for data synchronization between different instances and accounts.
- Established a secure payment system by leveraging stripe APIs and ChargeBee.
- Set up continuous integration and deployment pipelines with Heroku, Github Actions and Firebase.
- Provided guidance to less experienced members to follow the advanced principles and conventions.

Senior Software Engineer

New York, NY

[Tillster](#)

09/2021 - 01/2023

- Offered experience with Java, JavaScript, TypeScript, Angular, Docker and GCP.
- Participated in enhancements and updates for subsystems of end-user applications software running on Internet-based platforms.
- Improved internal core library used by web and mobile platforms.
- Collaborated with fellow engineers to evaluate software applications.
- Wrote unit and e2e tests to ensure the quality of the product.

Senior Software Engineer

New York, NY

[Oliver Wyman](#)

01/2017 - 08/2021

- Launched internal order management system utilizing React.js and Node.js.
- Developed robust, scalable, modular and API-centric infrastructures with GCP, AWS and GitHub Actions.
- Updated old React.js code to modern development standards, improving functionality and performance.
- Worked with project managers, developers, quality assurance and customers to create an employee training mobile application.
- Provided React.js guidance and mentored less-experienced staff members.

Software Engineer

New York, NY

[Oliver Wyman](#)

10/2015 - 12/2016

- Developed software components in JavaScript based on functional requirements and specifications.
- Efficiently deployed and integrated software engineered by team and updated integration/deployment scripts to improve continuous integration practices.
- Defined feature sets into well-scoped user stories for individual team members based on MVP requirements.
- Wrote technical documentation to support the maintenance team.

Software Engineer Intern

New York, NY

[Amazon](#)

06/2015 - 10/2015

- Assisted in maintenance of software for advertising platform.
- Documented and tested new web applications in JavaScript.
- Performed competitor research to fuel new feature development.
- Collaborated with members of software development team and personnel in other departments.

EDUCATION

Bachelor of Engineering, Computer Science

Williams College

2011 - 2015

SKILLS

JavaScript, TypeScript, Node.js, React.js, ReactNative, Angular, Java, PHP, Spring MVC, Laravel, WordPress, Material UI, HTML, CSS, Tailwind CSS, PostgreSQL, MongoDB, GCP, Amazon AWS, CI/CD, Docker, Kubernetes, Terraform, Testing, Scripting, Agile Methodology, JIRA, Git, GitHub, VSCode, Adobe XD, Figma

AWARDS

[Sam Goldberg Colloquium Prize in Mathematics](#)

CERTIFICATION

Node.js Certified Developer
[OpenJS Foundation](#)

Certified Web Developer
[Edureka](#)