

# KAY CHAN

Software Engineer | Web Developer | New York, NY

A versatile Software Engineer with experience in both JavaScript and C/C++ development. I worked and enjoyed interacting with cross-functional teams while learning and utilizing various technologies to transform innovation visions into products.

## CONTACT

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## TECHNICAL SKILLS

JavaScript (ES6+)	Jest, Mocha, Chai
React.js	Ruby on Rails
Gatsby	C/C++
HTML5	Perl
SCSS, SASS, CSS	Shell
Jade/Pug	Oracle
MongoDB	Linux, Unix
Node.js	Google Ad Manager
Python	AWS

## EDUCATION

**General Assembly**, New York, NY  
Software Engineer Immersive Program

**New York University**  
BA in Computer Science

### Certifications

- **AWS Solution Architect Associate**, 2019
- **AWS Cloud Practitioner**, 2019
- DEV236x: **Introduction to Python**, 2019  
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## WORK EXPERIENCE

### **Forbes Media**, *Software Engineer - Frontend*

August 2020 – Present

Jersey City, NJ / Remote

- Worked as a Front-End developer for the main Forbes.com core website. Collaborated with UX/Design, Product and Backend teams to complete projects and implement new features on the Forbes.com homepage, article page and various pages on the site.
- Improved SEO and CLS score to enhance Forbes.com's UX for a smoother experience. Performed Code Climate Analysis, updated unit testing, and code reviewed to ensure the code remained maintainable and performant.
- Collaborated with our Ad Ops team to prepare Ad campaigns utilizing Google Ad Manager and Google Native Templates to implement customized solutions to satisfy client and project requirements.
- Implemented the Forbes 30-Under-30 Anniversary List using Gatsby which utilized React.js and GraphQL.

### **Consultant for clients**: Optical Showroom, China New Star Corp.

2013 – 2019

New York, NY

- Developed software, application tools, and plug-ins to automate manual business functions including client record-keeping and POS system.
- Consulted on issues surrounding company websites, legacy software replacement/ integration, technology training, and system automation.
- Built, designed, and modernized company websites leveraging front-end tools and 3rd party software.

### **Parental Leave**, *Mom*

2004 – 2013

New York, NY

### **Bank of New York / Pershing Technology Group**

*Senior Developer, Manager / Vice President – Market Data Group*

1999 – 2003

Jersey City, NJ

- Updated Market Data Quote System used to distribute 24x7 real-time and delayed stock quote to 300 plus institutional clients, with 1.7 million users.
- Maintained and optimized critical C/C++, Oracle SQL and XML applications to retrieve real-time and delayed quotes used for online trading, charting, research and back-office trade settlement.
- Implemented C++ program and Java interface to monitor T1 circuit capacity and user statistics.

### **Société Générale / SG Cowen**

*Senior Developer / Assistant Treasurer – Finance Technology Group*

1998 – 1999

New York, NY

- Designed and implemented Oracle database used to track institutional accounts information and customized financial accounting statements for Fixed Income Group.
- Collaborated with business users on requirements and built automated Federal Reserve Compliance reports.