

Shimin Rao

Full Stack Developer

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I am an experienced developer with a proven ability to leverage full-stack knowledge. I have been involved in analyzing requirements, designing, developing, testing and delivering complex applications using a variety of technologies. As a task-oriented programmer, I am passionate about uncovering, analyzing, and finding solutions for business.

Skills:

- **Languages:** Java, Python, C#, VBA, JavaScript, TypeScript, HTML, CSS, C
- **Frameworks:** Spring, Spring Boot, Hibernate, JDBC, Struts, jQuery, Node.js, Django, React, Angular, Express
- **Databases:** Oracle, SQL Server, MySQL, MongoDB, PostgreSQL
- **Servers & Tools:** Tomcat, Eclipse, IntelliJ IDEA, Git/GitHub, Docker, Maven, Jenkins, Ant, JIRA, Kafka
- **Methodologies & Concepts:** Agile, Scrum, TDD, Pair Programming, RESTful, CI/CD, DevOps, Microservices.
- Excellent troubleshooting skills—ability to analyze data, algorithms, code, and resolve issues quickly.

Experience:

Full Stack Developer | Infosys (Client: Verizon) | Remote | Feb 2021–current

- Worked with teams to analyze the requirements, design, implement the features for network clients and users.
- Developed applications with Node.js, Express.js, React.js, Oracle, PostgreSQL, Docker, Jenkins etc.
- Implemented microservices to collect data from 5G repeater equipment via SNMP walk.

IT Operation Engineer | CGTN | Washington, D.C. | Jun 2020–Feb 2021

- Maintain the production and broadcast system for Television station.
- Trouble shoot issues on-site, provide professional solutions in timely manner to ensure smooth live streaming.
- Coordinate with offshore Tier 2 and Tier 3 to do deep analysis, and resolve complicated issues.
- Collected daily operation data from the system, generated daily reports and monthly analysis reports for management team.

Software Engineer | General Assembly | Washington, D.C. | Mar 2020–May 2020

Applied web developer skills in MVC framework to solve real-world business problems. Projects include:

- CoTripper: Worked with a team of 8 engineers to build out the tourism website CoTripper to help single mothers travel. Used Python, Django, PostgreSQL, React, JavaScript, HTML and CSS.
- EnDever: Worked with 2 engineers to build out the application for developers to share ideas, discuss technologies. Used Express, MongoDB, GitHub OAuth, React, JavaScript, HTML and CSS.

QA Engineer | QA Mentor | Virginia | Dec 2018–Mar 2019

- Worked on multiple software testing freelancer projects.
- Worked on various mobile applications testing, submitted bug reports to clients and retest the fixes.

Globalization Specialist | OneHourTranslation | Remote | May 2016–Nov 2018

- Worked on various websites, mobile apps globalization.
- Proof read and review for peer translators to ensure the overall projects quality, result in high client satisfactions.

Java Project Engineer | Industrial Securities Co., Ltd. | Shanghai, China | Jul 2010–Aug 2013

- Partnered with 50+ financial analysts to gather business requirements for Securities Research Platform. Discussed the requirements with analysts regularly to control the requirements and reduce development risk.
- Supervised Securities Research Platform's progress through daily reports and weekly reports, ensured the system was delivered to business departments on time. The platform was built with Java, JavaScript, Spring, Hibernate, JDBC, JSP, Oracle, Tomcat.
- Successfully built the second and third phase project of Securities Research Platform, resulting in improvement of the securities research team's new wealth ranking to seventh.
- Monitored system performance through backend support platform, ensured the emails generated by analysts' reports were automatically sent to other financial companies on time every day.

Software Engineer | Sinitek Computer Technology Co., Ltd | Shanghai, China | Jul 2006–Jun 2010

- Worked with development and business services teams to analyze the requirements, design, implement, and delivery the Securities Research and Knowledge Management Platform for financial analysts.
- Participated in 4 projects' development, implemented 4+ features with Java, C#, VBA, JavaScript, Spring, Hibernate, JDBC, Struts, Servlet, Oracle, SQL Server, Tomcat, IIS.
- Performed on-site support for 6+ clients, including on-site development, delivery, and system bugs fixes.
- Collaborated with the QA team to troubleshoot bugs/issues and provide fixes in a fast and efficient manner.

Education:

- B.E. in Computer Science and Technology | Huaqiao University | China | 2006

Certification:

- Oracle Certified Associate, Java SE 8 Programmer
- Certified SAlFe 5 Practitioner