Na Zhao

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PROFILE

Software engineer with experience in backend development and frontend projects, seeking a role in front-end or full-stack web development.

SKILLS

HTML5 | **CSS** | **Javascript** | **Typescript** | **React** | **Next.js** | **Node.js** (Express.js) | **MongoDB** (Mongoose) | **SQL**

React Native | **Java** | **Git** | **UX design** | **Wireframing**

PROFESSIONAL EXPERIENCE

Career Hiatus   10/2020 – present

Currently dedicating time to personal projects and self guided learning while providing after school care for my child after Cisco's workforce reduction.

- Self-taught in frontend and full stack development, proficient in constructing responsive websites from scratch
- Completed The Odin Project (HTML, CSS, Javascript, React, Node.js, Express.js)
- Completed the Google UX certification program (User Research, Wireframing, Mockups, Usability Testing, Adobe XD, Illustrator, Figma)
- Developed personal and portfolio projects (Typescript, Next.js)

Software Engineer   01/2017 – 10/2020
Cisco   Alpharetta, GA
- Worked on converting Stealthwatch (now called Secure Network Analytics) from on-device storage to using a centralized, Big Data database (Vertica)
- Implemented the foundational system architecture for remote query processing via REST API (Java, Spring Boot)
- Designed and implemented queries to be processed via API(SQL, MyBatis)
- Implemented REST services to manage updates and patches for remote Stealthwatch devices (Java, Spring)
- Collaborated on a POV project to aggregate and query on-device data from individual Stealthwatch devices at remote locations
- Extensively involved with implementing and fixing black box tests

Software Engineer   08/2012 – 10/2016
Cerner Corporation   Kansas City, MO
- Extensively used Big Data technologies to process and organize medical records (Java, Hadoop, Crunch, HBase)
- Designed and implemented data pipeline concurrency to increase the speed of inter-cluster communication
- Troubleshot erroneous and missing data in production environments with queries, metrics, and logs (Hive, Hue, Splunk)
- Developed extensive unit tests focused on complete coverage and integration (JUnit, Mockito)
- Performed functional testing in non-production Linux environments
- Automated tasks to support Continuous Delivery and Deployment
- Worked under Scrum, Agile, and Kanban process frameworks

EDUCATION

MS, Computer Science   08/2010 – 05/2012
Wake Forest University   Winston Salem, NC
- Full Academic Scholarship from Wake Forest University for a Master in Computer Science

BS, Network Engineering   09/2005 – 06/2009
Changsha Univ. Of Sci. & Tech.   Changsha, China
- Ranked 3rd among 69 students in the Network Engineering Department

PERSONAL PROJECTS

Next.js Blog   10/2023
A personal blog implementation using Next.js and MDX
- Technologies used: Next.js, Typescript, TailwindCSS, MDX, Vercel Postgres

Orbit Talk   08/2023
A messaging app that allows friends to send messages to each other
- Technologies used: React, Vite, Express, MongoDB, Typescript, TailwindCSS