York Shaw

Software Engineer

york.p.shaw@gmail.com | (469) 358-4106 | Plano, TX
LinkedIn: /york-shaw | GitLab: /york.p.shaw | GitHub: /yorkpshaw | Portfolio: yorkpshaw

TECHNICAL SKILLS

Programming | JavaScript (ES6), Python 3, SQL, CSS, HTML5
Back-end | Django 4, PostgreSQL, FastAPI, Docker, RabbitMQ
Front-end | DOM manipulation, React, Redux Toolkit
System Design | Monoliths, Microservices, Domain-driven design

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

Software Engineer | Hot Stocks, [Project Link]   December 2022
- Handled centralized state management using Redux and built reusable components with React, utilizing JavaScript as the programming language
- Leveraged FastAPI to establish endpoints to retrieve the most recent stock quotes and news, utilizing Python as the programming language
- Deployed to GitLab to establish a steady CI/CD workflow, enabling efficient integration and deployment

Software Engineer | Car-Car, [Project Link]   October 2022
- Constructed internal RESTful API endpoints to allow users to maintain an automobile dealership's sales history, service history, and inventory
- Leveraged React and JavaScript to develop the sales component, implementing a dynamic user interface
- Integrated PostgreSQL as the database for 2 major components, ensuring data integrity and consistency

Software Engineer | Conference GO, [Project Link]   October 2022
- Engineered three Docker containers to facilitate development while optimizing application scalability
- Implemented RabbitMQ pub/sub queuing between three microservices for backend data communication
- Developed external RESTful APIs using Django and Python that enabled real-time weather data exchange

ADDITIONAL EXPERIENCE

Section Violin | East Texas Symphony, *Tyler, TX*   September 2016 - Present
- Awarded position by 7-person committee comprised of musicians and conductor after a 2-round audition
- Collaborated with a team of other musicians to learn music quickly and effectively
- Rehearsed and performed in fast-paced and high-pressure environments

Freelance Violinist | Self-Employed, *Plano, TX*   June 2011 - Present
- Managed a complex calendar that included scheduling lessons, rehearsals, and performances
- Kept a high level of professionalism and reliability with regular practice and punctuality
- Performed in diverse venues and adapted to meet the unique needs of each client

Private Violin Teacher | Self-Employed, *Plano, TX*   June 2011 - Present
- Adapted my teaching styles to fit the needs of each individual student, keeping up with the latest trends
- Assigned appropriate curriculum to each student with long-term improvement in mind
- Taught violin lessons to over 40 grade-school students on a weekly basis

EDUCATION

Hack Reactor, *Advanced Software Engineering Immersive Certificate*   2022
New York University, *M.M, Violin Performance*   2009-2011
University of Texas at Austin, *B.M, Violin Performance*   2005-2009