Challice Genest

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OBJECTIVE

Computer Engineer in search of full-time employment. Available to begin work anytime. I prefer remote positions to assist with my family. Interested in topics such as web development, machine learning/computer vision topics, and Rust app development.

EDUCATION

Bachelor of Science, Computer Engineering Rochester Institute of Technology, Rochester NY, Completed by December 2017

ENGINEERING WORK EXPERIENCE

Bank of New York, Pittsburgh, PA - VP Engineer, Dec 2024 to Present

- Worked with a team of seven (all overseas team members) to provide US timezone support for live trading services. Other job duties included developer updates to code bases, weekend support for releases and testing, and mentoring "just-out-of-university" developers.

Fidelity Investments, Charlotte, NC - Senior Software Engineer, Jan 2022 to Present

- I worked in a team of four colleagues on a large data-heavy web application—sharpening my technical design and leadership skills, mentoring junior developers, and road-mapping designs for the future. Skills in full-stack (VueJS and NextJS) web development reached a principal level.

Integrated Practice Solutions (Chirotouch) - Las Vegas, NV - Software Engineer, Apr 2019 to Jan 2022

- Worked in a team of eight to twelve colleagues on a cloud-based solution for medical treatment in the Chiropractic field. I developed senior-level skills in full-stack web development and made technical and road-map decisions. I became versed in medical field terminology, legal knowledge, and design philosophy.

Microsoft - Redmond, WA - Junior Software Engineer, Jan 2018 to Feb 2019

- Worked in a team of six people on front-end and back-end application development. Developing powerful skills in Web Development in Angular and back-end hosting tools such as Azure.

Intuit - Mountain View, CA - Intern Software Engineer, Jun to Dec 2017

- Worked in a team of six people on front-end software solutions for QuickBooks. Picked up ReactJS, HTML, CSS, etc on the spot.
- Worked on translating, migrating, and querying big data for machine learning and automation. Learned about and implemented A/B Testing practices.

Robert Bosch LLC - Plymouth, MI - Systems Engineer, Jan to Aug 2016

- Worked on a six-person team to design and implement self-driving vehicle automation using long-range radar/camera systems, machine-learning algorithms, and Android SDK to develop the vehicle dashboard. Gained experience in working as a team, communication between teams, and how to thoroughly clean vehicles for the team.

SKILLS

LANGUAGES: C++, C, C# /.NET, Python, Java, Javascript/Typescript, HTML5, CSS3, Python, Ruby

SOFTWARE/HARDWARE: Angular, ReactJS, ExpressJS, Springboot, Vue, Next.js, Electron, AWS, Azure, Full-Stack CI/CD technologies,

MISCELLANEOUS: Git, GitHub, CI/CD, Jenkins, Gitlab, GitLab CI, Agile, Scrum, Node.js, Express, NestJS, REST APIs, GraphQL, Java, Spring Boot, C, .NET, Python, PostgreSQL, MySQL, MongoDB, Scalability load balancing, Redis, Docker, Kubernetes, Microservices monoliths, Event-driven architectures, RabbitMQ, API design, Authentication Authorization, OAuth2, JWT, Opaquetokens, OpenID Connect, Authentication, Authorization, SQL, NoSQL, Unit testing, Integration testing, Jest, Cypress, JUnit, PyTest, Webpack, Babel, ESLint, Prettier, TailwindCSS, Bootstrap, Material UI, System design, Monitoring, Logging, Microservices monoliths, Caching strategies, Problem-solving critical thinking