

JENNY FENG

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EXPERIENCE

Software Engineer II, ImageQuix - July 2021 - Oct 2024 - Raleigh, NC

- Engineer in the development of major features for and maintenance of an industry-leading high-volume photography workflow app (Electron, React, React-Redux, Node.js, Express, NestJS, AWS cloud services, Typescript)
- Major contributing developer on new e-commerce platform for both front and backend services.
- Frontend examples: Custom image masonry visual for student image galleries with lazy loading and caching for optimization to drive sales, custom cropping tool for user customization during shopping flow, checkout user experience, etc. (React, React-Redux)
- Backend examples: Persistent user sessions with complex authentication structures, checkout authentication and validation, Stripe payment integration, etc (NestJS, TypeORM, Node.js, Redis, AWS cloud services)
- Key developer for a new core image processing microservice and pipeline that incorporates a seamless migration strategy, moving from an AOT process to a JIT processing pipeline and microservice that will reduce S3 and lambda execution costs, with pre-caching, monitoring, and autoscaling to optimize costs and boost resource efficiency (NestJS, Prisma, Opentelemetry, Prometheus, Fluentbit)
- Monitor, troubleshoot, and triage for unexpected bugs and fires via observability tools and logs (New Relic, CloudWatch, PerconaDB)
- Experience with DevOps in code deployment pipelines for different environments and apps/services (Bitbucket pipelines, Jenkins, AWS ECS, AWS ECR)
- Experience with cloud infrastructure management and resource management (Terraform, AWS cloud services)

Associate Technical Consultant, Salesforce - Feb 2021 - July 2021 - Remote

- Develop enterprise web and mobile Salesforce solutions that leverage the Salesforce platform and Customer 360 tools to deliver and meet customer business and technical requirements (Salesforce programming framework, Javascript)
- Consultant engineer on various insurance portals and websites

Rainbow Six Siege Community Manager, Ubisoft - October 2016 - Sep 2020 - Raleigh, NC

- Drove community engagement and growth, community building. Specializing in indexing traditional qualitative sentiment reporting methods against quantitative reporting on community KPIs.

EDUCATION

Master of Science in Information Science - University of North Carolina at Chapel Hill

Duke University - BA in Biology (Major) Economics (Minor)

CERTIFICATIONS

Salesforce Certified OmniStudio Developer

SKILLS

Programming Languages: TypeScript, Javascript, Python, HTML/CSS

Frontend Frameworks: React, Electron

Backend Frameworks: Express, NestJS, Node.js,

Testing Frameworks: Jest, Playwright

AWS Services: ECS, ECR, EC2, S3, Lambda, CloudFront, SQS, SNS, Networking, Infrastructure, Security

DB/DBMS/ORM: MYSQL, PostgreSQL, MongoDB, Datagrip, TypeORM, Prisma

CI/CD: Bitbucket pipelines, Jenkins, Github pipelines

Observability/Tools: New Relic, Docker, PerconaDB, AWS CloudWatch

Issue Tracking: Jira

Version Control & Code Repository: Git, Bit Bucket, Github

Infrastructure: Terraform, AWS cloud services, Google cloud services