KHAI NGUYEN

California, US | 714-248-5424 | khaiatwork@gmail.com | khaister.github.io

SENIOR SOFTWARE ENGINEER

Senior Software Development Engineer with more than 8 years of full-stack software development experience in FinTech, real estate, and healthcare industries. Skilled with working collaboratively with technical and business teams to produce high quality software products from design to launch.

SKILLS

- **Frameworks** Django, React, Vue, Angular (w/ NGRX), .NET Core
- **Databases** PostgreSQL, SQL Server, MySQL, MongoDB, DynamoDB
- **Cloud** AWS: ECS, EKS, Lambda, SNS, SQS, DynamoDB, Aurora, S3, ElastiCache for Redis
- **Languages** Python, TypeScript/JavaScript, C#
- **Other** macOS, Linux, CI/CD, Git, GitHub Actions, Docker/Kubernetes/Helm Chart, Terraform

EXPERIENCE

Senior Software Engineer *at* blinkhealth.com *from MARCH 2022 to PRESENT*
- Design and implement RESTful API for managing patient prescriptions using Django (with Django REST Framework), PostgreSQL, Redis, while working with consultants to ensure compliance with state and federal regulation
- Increase development team productivity and collaboration by bootstrapping GitHub repo, AWS infrastructure (Kubernetes, SQS, RDS, S3), secrets management (Hashicorp Vault), CI/CD pipeline (GitHub Actions)
- Integrate with various third-party vendor APIs for insurance eligibility check and claim submission, including supports for async response via webhooks
- Add new and enhance existing features for ReactJS web portal used by pharmacy team members, supporting various daily tasks such as patient insurance management, prescription management, and medication dispensing
- Participate in on-call rotations and build logs/metrics/alerts (New Relic) to ensure minimal downtime for core backend services

Senior Software Engineer *at* apartments.com *from JULY 2019 to MARCH 2022*
- Designed and implemented Messaging system using RESTful Web API and background service components deployed to AWS-hosted VPC
- Developed web service which integrated with third-party APIs to support online tour scheduling functionalities for apartment communities
- Mentored associate developers on software engineering in general, business domain knowledge, and development process
- Conducted technical interviews during hiring process to evaluate potential candidates for team

Software Development Engineer *at* quickbridge.com *from OCTOBER 2018 to JULY 2019*
- Developed and deployed an SMS solution (integrating with Twilio's SMS API) for internal CRM web application within a three-month time frame, utilizing AngularJS, ASP.NET Core, and MS SQL Server, facilitating bidirectional communication between loan processing agents and clients
- Led effort to migrate codebase from .NET Framework to .NET Core to allow for hosting on Linux-based containers, resulting in reduction in infrastructure cost and increase in development velocity
- Trained team members on web API application design recommended practices and ASP.NET Core features

Software Engineer *at* cudirect.com *from JUNE 2015 to OCTOBER 2018*
- Implemented features of various complexities for loan originating system (LOS) using WPF, ASP.NET, and SQL Server
- Built microservices using NServiceBus stack to provide efficient publisher-consumer messaging between LOS and car dealership platform
- Planned and executed version control system conversion from TFVC to Git, trained developers across 4-5 teams on version control best practices, effectively increased development velocity and ease of collaboration

EDUCATION

B.Sc. *cum laude* in **Biochemistry** with **Computer Science**
California State University, Long Beach