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HUY NGO
SOFTWARE ENGINEER

Austin, TX

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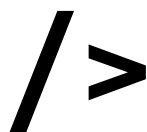>> (774) 232-4498

/ ABOUT

Hi! I'm a software engineer who enjoys learning new technologies and upskilling. I pride myself on my ability to adapt and be a jack-of-all-trades. I have worked on full stack development, infrastructure, data engineering, recruitment and outreach, and more throughout my software engineering career.

/ COMPETENCIES

- ▰▰▰▰▱ AWS/GCP/Cloud
- ▰▰▰▰▱ Python
- ▰▰▰▰▱ Kubernetes/Docker
- ▰▰▰▰▱ Data Engineering
- ▰▰▰▰▱ Bash
- ▰▰▰▰▱ DevOps
- ▰▰▰▰▱ Infrastructure
- ▰▰▰▰▱ JavaScript/TypeScript
- ▰▰▰▱▱ Java
- ▰▰▰▱▱ SQL
- ▰▰▱▱▱ Testing
- ▰▰▰▰▰ Willingness to learn

/ INTERESTS

- Volunteering
- Disc golf, basketball, pickleball/tennis, bouldering, skating, reading, board and card games, crocheting
- Collecting pins
- Culture and travel

/ EXPERIENCE

>> Senior Software Engineer
Community Tech Alliance (CTA) | October 2021 to Present
- Tech Lead and SME on open-source developer platform and workflow engine used for critical internal company operations
- Managed infrastructure using Terraform and custom automated scripts, including deploying, upgrading, and determining best practice configurations for security and cost implications
- Collaborated on data pipelines across various services/tools, including BigQuery, Airflow, Airbyte, Pipedream, and dbt
- Worked on partner portal web application built from the ground up internally
- Administered GCP environments, projects, and IAM permissions
- Handled alerting, logging, and monitoring systems
- Participated in on-call rotation that entailed incident command, monitoring data pipelines for freshness and quality, supporting adhoc partner needs, and other production issues
- Interviewed candidates for a variety of roles and levels

>> Senior Software Engineer
MyFitnessPal (MFP) | December 2020 to October 2021
- Helped completely divest Under Armour and MFP services, APIs, accounts, and over 20 petabytes of data
- Drove tech upgrades that streamlined processes and saved hundreds of thousands of dollars annually
- Created and upgraded data pipelines that improved data quality, optimized compute time, and reduced costs
- Participated in on-call rotation that included responding to production issues and sending notifications to millions of users

>> Senior Software Engineer
Under Armour (UA) | March 2020 to December 2020
- Enhanced and maintained backend services which connected UA, MapMyFitness (MMF), and MFP apps and tools
- Optimized data pipelines on internal Apache Airflow instance for performance, resilience, and scalability

>> Staff Software Engineer
IBM | August 2015 to February 2020
- Built and deployed cloud native solutions on IBM Cloud
- Designed and developed full-stack web apps

>> Associate Mobile Development Intern
Walmart Home Office, ISD | May 2014 - March 2015
- Gamify web app rolled out to all US stores

/ EDUCATION

>> University of Oklahoma (2011 - 2015)
Major: Computer Science, Minor: Mathematics
- Graduated cum laude in Computer Science
- College of Engineering, School of CS, Dean's Honor Roll
- Oklahoma State Regents' Scholar

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