

V U P H A M

SOFTWARE ENGINEER

CONTACT

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EDUCATION

BA - International Dev. Economics
University of California, Los Angeles
Los Angeles, CA | June 2014

SKILLS

- Golang
- Ruby on Rails
- Javascript / Typescript
- ReactJS / Redux
- HTML / CSS
- SQL + NoSQL
- MongoDB
- Docker
- Google Cloud
- Amazon Web Services (AWS)
- Slack API Integration

INTERESTS

- Tennis
- Piano + Guitar
- Arts & Craft
- Super Smash Bros.
- Board Games
- Planning Office Events & Team Outings

WORK EXPERIENCE

BACKEND ENGINEER, MONETIZATION (UNITY ADS)

UNITY TECHNOLOGIES | SAN FRANCISCO | MAR 2018 - PRESENT

- Supported an ads-serving platform which handled over 2 billion requests/day through maintenance of Go codebases, Google Cloud services, MongoDB, and 22 different microservices
- Refactored end-to-end test suite from Python to Go and integrated tests to the CI/CD pipeline to run automatically before every deployment
- Maintained auction/marketplace rules matching engine and added a Slack notification bot to expedite rules creation and data validation
- Influenced engineering quality culture by leading workshops and increased test coverage to 90% across all backend projects
- Developed operational tooling using ReactJS to help account managers speed up the integration of demand-side platforms (DSPs) into the Unity Ads Exchange and verify OpenRTB requests + responses
- Created Datadog dashboards to monitor ads auction stats and trigger alerts on data abnormalities

WEB DEVELOPER

FREELANCE - TALENTMATCH.AI | SAN FRANCISCO | MAR 2017 - DEC 2017

- Implemented RESTful API routes and a robust user authentication system with protected CRUD operations using Ruby on Rails
- Designed PostgreSQL database schema for users, jobs, and categories along with validations, constraints, and relational joins
- Communicated with key stakeholders to deliver quality software projects by quickly iterating on their feedback

FRAUD ANALYST

NORDSTROMRACK.COM | HAUTELOOK | LOS ANGELES | OCT 2015 - AUG 2016

- Developed SQL queries to analyze member data to report fraud trends, patterns, and account irregularities
- Prevented an average of \$15,800 in fraudulent transactions each day by thoroughly reviewing orders for fraud and processing order cancellations

DIGITAL MARKETING ANALYST

CTR MARKET RESEARCH | BEIJING | AUG 2014 - DEC 2014

- Evaluated the ROI of foreign marketing campaigns to measure ad placements and the impact on consumer behavior
- Produced market analysis spreadsheets, pivot tables, and PowerPoint presentations to provide insight to 250 international brand and media owners