Thiti (Pob) Vutisalchavakul

Passionate Learner

Personal Info

Location
Minneapolis, MN

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Website
PobV.me

LinkedIn
linkedin.com/in/vutisat/

Twitter
@Pob_V

Programming Languages

Strong
JVM Languages (Java, Groovy), Python

Proficient
JavaScript (React / Redux, Node, D3, C3), HTML, CSS, SQL, NoSQL

Exposed To
C++, Prolog, Scheme, Racket, R

Technologies

Strong
Microservices Architecture, Spring Boot

Proficient
Spock, PostgreSQL, Kubernetes, Docker, Drone, ELK Stack, Networking

Exposed To
AWS, HAProxy, Nginx, Memcahed, Hadoop ecosystem, Android Development, Building AIs

Other Skills

• Agile Methodology
- ➔ SCRUM, KANBAN

• Test-driven Development (TDD)

• Fluent in English & Thai

• Extensive international travel background, comfortable with traveling and working with and in different cultures

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Energetic full-stack software engineer who takes pride in **continuous learning** and writing **clean, scalable code**. Experienced with full software development cycle, end to end. Has developed robust code for big scale businesses in many aspects. (Petabytes of data, millions of hits per day, six-figure-impact systems). — My greatest strengths are leadership and effective communication, which enables me to **draw out the best of myself and those around me to collaboratively meet business needs.**

Experience

Summer 2016 – present

Software Engineer - TARGET

• Implemented a functionality in the Target.com's data aggregator to deliver the an item's prices in stores in real time
- → Over 10 million hits per day, with 95%+ of response time being less than 1 second

• Worked with UX designers to render the front-end for Social Migration of Non-Target registered accounts in the Cartwheel app to switch to Target Accounts
- → Experienced by 15 million users

• Spearheaded a software project that has allowed Target to expedite $100k+ of orders (and rising), as a full-stack engineer. Full software development cycle, end-to-end

• Stood up a new API that allowed the Target Mobile Apps to display locations of items to guests.

• Utilized C3.js and D3.js to visualize data in an elegant way for consumers of the Target's Big Data Platform (Hadoop) to monitor and see their usage on the cluster as a whole

Fall 2013 – Summer 2016

Lockheed Martin Leadership Institute

• Three-year certificate program that develops technical/innovative leadership, business acumen, people leadership and personal/ethical leadership

• Developed and practiced leadership skills through workshops, projects, and meetings with business executives from multiple Fortune 500 companies

• Ignited an effort to help fight stereotypes of engineers that lead to a global trending of #IAmAnEngineer on Twitter

Fall 2015 – Spring 2016

Software Engineer - StudySync

• Developed a system for users to log into a third-party API to access their library of books matching the courses offered by StudySync; used CoffeeScript along with Node.js, AngularJS

• Implemented myriad front-end features directly from the feedback of teachers and students

Fall 2014 – Spring 2015

Engineers Week Head Coordinator – Miami University CEC

• Led a team of over 30 students to organize a week-long event to promote the awareness and importance of engineering

• Supervised an all-day event to promote women in engineering with over 200 participants

• Managed a five-figure budget

• Invited industry leaders as speakers for various events

Education

Graduated: June 2016

Miami University
Bachelor of Science, Computer Science

• Theta Tau Engineering Fraternity: Petition Director, Marketing Chair

• Active Member of Association for Computing Machinery (ACM)

• Miami University High School Programming Contest: Judge

• UNICEF Campus Initiative: Raised thousands of dollars annually

Projects / Activities

• **Pobv.me** – Designed, developed, and deployed a responsive website that showcases my skills and experiences

• **Chat room** – Created a multi-threaded server java chat room and clients

• **Mentoring** – Partnered with Genesys Works and mentored high school students in underserved communities through skills trains, sharing experiences, and creating impactful relationships

• **Volunteering** – Enjoyed various volunteering activities with Habitat for Humanity, Feed My Starving Children, Engineers Without Borders, Great River Greening, etc.