Thiti (Pob) Vutisalchavakul

Passionate Learner

Personal Info

Location
Remote / NYC

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Programming Languages

Strong
JVM Languages (Java, Groovy)

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

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

Technologies

Strong
Micro-services Architecture, Spring Boot, Spock

Proficient
MongoDB, PostgreSQL, Kubernetes, Snowflake, Kafka, RabbitMQ, Docker, Drone, ELK Stack, Networking, PCF/Azure

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

Other Skills

• **Strong business and leadership skills**

• **Experienced in conducting usability studies**

• **Design Thinking**

• **Agile Methodology**

• **Test-driven Development (TDD)**

• **Extensive international travel background, comfortable with traveling and working with and in different cultures** (Bilingual: Thai/English)

• **Puns, Jokes, and Memes**

Energetic Technology Leader with a passion in continuous learning and leading high-performing teams. Experienced in guiding product initiatives, from new ideas to fully-released, adopted, and supported products. Entrusted with writing clean & robust code at scale. (petabytes of data, millions of hits per day, billions-of-dollars systems).

Celebrated as a servant leader and for creating a fun culture that brings the best out of others.

Experience

Senior Software Engineer – Datasite   Summer 2018 – Present

• Developed and maintained a highly sensitive billing system that directly impacts the company's bottom-line and thousands of clients.
  → Processed billions of dollars, with accuracy down to every penny
• Created an internal library that allowed data capturing of every activity on the application, used by many teams
  → Petabytes of data warehouse used for analytics as well as generating SOX-report (FEC)
• Created a secure email-service for which the firm uses for all outgoing emails
• Lead a team to develop and deliver the new landing page of Datasite that completely revolutionized the look & feel of the application and streamlined its usage by providing insightful analytics and real-time notifications.
• Lead contributor for Datasite's latest product, Outreach.
  → Created various GraphQL, Node, and SpringBoot APIs → Implemented data integration system with Salesforce
  → Orchestrated an infrastructure for production-readiness of the application
    (Set up monitors/alerts, trained app-support teams, ensured system scales efficiently, etc.)
• Contributed in various major architectural decision for the organization as well as helped mentor developers.

Software Engineer – TARGET   Summer 2016 – Summer 2018

• 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

Lockheed Martin Leadership Institute   Fall 2013 – Summer 2016

• 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

Software Engineer – StudySync (McGraw-Hill Education)   Fall 2015 – Summer 2016

• 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

Education

Farmer School of Business   Completed: January 2021

Mini-MBA

Miami University   Graduated: June 2016

Bachelor of Science, Computer Science

• Theta Tau Engineering Fraternity: Petition Director, Marketing Chair   • Active Member of Association for Computing Machinery (ACM)
• UNICEF Campus Initiative: Help raised thousands of dollars annually   • Miami University High School Programming Contest: Judge

Activities

• **Mentoring** – Partnered with Genesys Works and mentored high school students in underserved communities through skills training, 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.