

Varun Parthasarathy

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Work Experience

Snickerdoodle Labs

Palo Alto, CA - Remote

DISTRIBUTED SYSTEMS ENGINEER

February 2022 - Present

- Awarded a patent for co-authoring a technical white paper to provide internal direction and raise external awareness. Gained valuable technical writing and research skills.
- Collaborated with business development organization to establish external partnerships and provide technical due diligence.
- Provided market research essential to the development of the product concept and design.
- Architected core components of the product stack, delegating tasks and reviewing work for others.
- Formed a lunch group internally for the reading and discussion of relevant research papers.

Coinbase

San Francisco, CA - Remote

SOFTWARE ENGINEER

July 2020 - November 2021

- Contributed core reliability features to node infrastructure, chain data indexing pipelines, and wallet orchestration systems.
- Delivered support for ERC-20 token swaps, re-enabling trading of multiple assets on the platform resulting in millions in revenue.
- Oversaw numerous high-severity production incidents, delivering critical fixes under pressure and communicating status to stakeholders. Received awards internally for incident handling during key periods.
- Made open-source contributions to the Rosetta API project, aiding both internal initiatives and community engagement.
- Interfaced directly with external stakeholders to deliver integrations critical to business partnerships and rescue locked funds.
- Served as the primary owner for foundational infrastructure services, developing tooling and training materials for SREs.

Netskope

Santa Clara, CA

SOFTWARE ENGINEER

June 2019 - May 2020

- Developed service mesh management tools used to orchestrate and deploy network security solutions to hundreds of data centers world-wide.
- Designed and implemented core distributed systems features including service discovery, scheduling, and auto-scaling to allow for automated deployments of microservices.
- Compiled exploratory research into distributed systems technologies, and presented proof-of-concept demonstrations to leadership.
- Gained hands-on experience with advanced infrastructure tooling including Kubernetes, Docker, and the Hashicorp suite.
- Developed internal tooling for inspection and observation of cluster deployments and configurations.

Amazon

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2018 - August 2018

- Worked on core retail platform services handling millions of transactions per second, gaining valuable experience in hyper-scale software systems.
- Implemented discount discovery and calculation logic allowing for dynamic advertising of discounts on retail pages.
- Collaborated with internal stakeholders and teams abroad to deliver a feature that is in use on nearly every Amazon retail page today.

Education

University of Illinois at Urbana-Champaign

Champaign, IL

BACHELOR OF SCIENCE IN STATISTICS & COMPUTER SCIENCE

May 2019

- Contributed to the founding of the Illinois Cryptocurrency Organization, which was the first student organization for blockchain education at the university.
- Served as a course assistant for introductory computer science lab courses, developing presentation and teaching skills.

Skills & Interests

Skills Software Architecture, Backend systems design, Market Research, Product Development, Distributed Systems

Languages & Technologies Go, Python, Java, Ruby, C, C++, C#, AWS, Terraform, Kubernetes, Docker, Git, JavaScript/Typescript, HTML/CSS, SQL, R, Solidity, Rust

Interests Woodworking, Aviation, Travel, Basketball, Weightlifting, Sewing, Music Production, Home Improvement