Divya Karthik

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education

University of California, Davis | Computer Engineering (B.S) | Class of 2021

skils

LANGUAGES: C, C++, Python, Bash, HTML, CSS, JSON, YAML, Assembly x86, Verilog

LOGGING AND MONITORING: Datadog, Grafana, Fluentd, Kibana, Lacework, Logstash

CI/CD: Ansible, Jenkins, Docker, GIT

CLOUD AND INFRASTRUCTURE: AWS (Networking, Servers, Security), Terraform, Kubernetes

courses

Software Dev and Object-Oriented Programming | Programming and Problem-Solving | Machine Dependent Programming | Discrete Math | Data Structures | Algorithms | Computer Architecture | Digital Systems | Embedded Systems | NLP | Applied Data Science | Artificial Intelligence Design Project | Operating Systems

work experience

DevOps/SRE Engineer II | Poshmark | April 2022 - Present
DevOps/SRE Engineer I | Poshmark | July 2021 - April 2022

Supporting Infrastructure automation, expansion, and maintenance. Orchestrating deployment under CI/CD pipelines by collaborating with various dev teams. Debugging critical issues for site reliability as an On-Call engineer.
Performed 3 poc-to-production 3rd party tool integrations. Setup/Migrated 6+ microservices, including a brand new standalone Enterprise Middleware Service.

internships

DevOps Intern | Poshmark | June 2020 - August 2020
Implemented a Jenkins interface for automatically handling copyright image complaints entered by compliance team weekly. Developed a dynamic inventory for Capistrano using a python script (used for production deployment). Implemented Terraboard, a version visualization dashboard for Terraform.

Cloud Ops Intern | Robert Half | June 2019 - September 2019
Using AWS, improved the Incident Management System by implementing search capabilities that return machine learning generated related cases from tickets in the AWS Support, ServiceNow, and Jira platforms. Implemented parsing, automatic categorization, long-term storage, and a UI.

FrontEnd Intern | MDout | June 2018 - August 2018
Worked with the marketing team on company's website using HTML/CSS. Produced concepts via computer software (Adobe Illustrator/Photoshop) for advertising purposes.

extracurriculars

Peer Advisor @ UCD College of Engineering
Director of Marketing @ UCD Women In CS
Tutor @ ALOHA Math Minds (ABACUS/Reading)
Volunteer @ PaTech (Promoting Ageless Technology)
Volunteer @ Davis Public Library

achievements

Merit Scholarships: BICB, CFMA, Ernest Nancy Memorial, Tom Peters Memorial | AP Scholar with Distinction | AP + PLTW Recognition