

# Dave J Pedu

2420 Pacific Drive, Apt 22  
Santa Clara, CA, 95051  
[dave@davepedu.com](mailto:dave@davepedu.com)  
(585) 737-5268

## Professional Experience

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### Site Reliability Engineer, Apple Inc., August 2018 - present

Deployed, maintained, and monitored internal data pipeline and development applications. Migrated custom and off-the-shelf applications to modern platforms improving overall stability and availability to dependent developer teams.

### Senior DevOps / Python Cloud Engineer, Interana Inc, 2015 - 2018

As part of a team, created and maintained mission-critical production cloud infrastructure and custom tooling to automate infrastructure upgrades, migrations, backups and monitoring on the AWS, Azure and VMware platforms. Raised to DevOps Technical Lead in early 2017 and continued guiding the team's cloud efforts. Helped develop parts of Interana's data analysis product, a distributed system also named 'Interana'. Designed and developed a release and development workflow for in-house engineers and associated product release workflows. Designed and developed vast portions of customer-facing software install and setup flows.

### DevOps Engineer, HP SaaS, Hewlett-Packard Company (HP), 2014 - 2015

Built and maintained Agile development/testing/deployment pipelines for various projects owned by the HP SaaS team. Built and maintained internal dev, qa and production environments. Used industry standard and cutting edge tools such as Jenkins and Docker to ensure continuous and stable delivery within HP's internal cloud and 3rd party cloud providers. Originally joined as a User Interface Engineer and worked closely with peer developers, designers, devops engineers, and QA teams to ensure high quality code and seamless integration within an Agile corporate ecosystem. Wrote production code and iterative prototypes.

### Web Developer / Programmer, RIT Production Services, Rochester Institute of Technology, 2011 - 2014

Developed outward-facing and internal web sites & apps using the Drupal CMS, CodeIgniter framework, and custom php. Implemented emerging front-end web technologies such as responsive design to serve as a baseline for future projects. Communicated directly with clients and designers to ensure the end product met or exceeded expectations of the client.

## Technical Skills

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Languages	Python, Shell/bash, PHP, Java, Perl, C, HTML, CSS (+ LESS, SASS/SCSS), Javascript (+ jQuery), Node, JSON, XML/YML
Application Frameworks	Drupal 6, 7, & 8, Wordpress, Symfony, CodeIgniter, CherryPy, Django
Databases	MySQL/MariaDB, SQLite, CouchDB, AWS's RDS
Operating Systems & Platforms	Debian Linux, Ubuntu, RHEL, macOS, some knowledge of Windows. AWS, Azure, Rackspace Cloud, VMware vCenter
Misc. Tools & Apps	Ansible, git, Docker, Jenkins, Buildbot, CI & CD, Apache, Nginx, DNS/named/dnsmasq/unbound, uWSGI, Grunt/Gulp, Bower, Agile, Scrum, Jira, Stash, Puppet, ZFS, OpenVPN.

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## Education

**Rochester Institute of Technology**, Rochester NY, graduated May 2014 earning a Bachelors of Science in Information Technology.