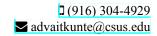


Advait Kunte



Experience

Student App Developer

Office Of Water Programs

Sept 2020 - May 2021

- Developed web application for a multi-year government-funded program
- Built a proof-of-concept nodeJS application

Software Engineer Intern

Hewlett Packard Enterprise

May 2020 - Dec 2020

- Enabled resource management and alerts by designing a monitoring dashboard using Grafana for MapR Cluster
- Optimized resource utilization, ease of deployment by containerization of services

Senior Software Engineer

Zivame

Aug 2018 - Jul 2019

- Designed and deployed auto-scaling for web servers, to reduce deployment time from 120 minutes to 1 minute
- Rightsized server capacity and services, resulting in reduction of AWS monthly cost by 20%
- Configured nginx for A/B testing to support dynamic bucket ratios of users across device platforms
- Optimized nginx caching to reduce static API's latency from 0.15s to 0.001s and Redis caching load by 30%
- Identified a network bottleneck in the caching layer and implemented a horizontally scaled primary-replica system to reduce average API latency from 1s to **0.15s**
- Enabled proactive business responses to financial metrics, conversion drops and API errors through an interactive real-time dashboard built on Elastic Stack (Kibana, Elastic Search, Logstash)

Software Engineer

TenTenTen Digital Products

Oct 2014 - Jun 2018

- Designed and built core features of a fantasy gaming application from ground up to serve 120,000 concurrent users
- Built console-based monitoring tools for production servers to track key performance indicators and provide a holistic view of the system infrastructure
- Led migration of codebase from jQuery to AngularJS, cutting development and maintenance time by 2 times
- Locally enhanced web2py framework to handle session DB writes more efficiently, enabling the system to serve **100,000** concurrent users instead of 60,000 users
- Built a multiprocessor producer-consumer framework that scaled to handle the process of sending emails with prioritization queue to achieve an output of 100+ emails/second

Languages and Technologies

- · Languages Python, Javascript, Shell, HTML, CSS, PHP, Java
- Frameworks NodeJS, Flask, Django, AngularJS
- Databases MySQL, Redis, MongoDB
- Cloud Services Amazon AWS (EC2, RDS, S3, VPC, R53, SES, SQS, SNS, ElasticCache), SpotInst, Cloudflare
- Technologies Docker, Grafana, ELK Stack, Jenkins, Nginx, Uwsgi

Education

Sacramento, CA

California State University, Sacramento

Aug 2019 - Dec 2021

- Master's in Computer Science
- Graduate Coursework: Data Models and Databases, Computer Networks, Programming Language Principles.

Bangalore, India

Ramaiah Institute of Technology

2010 - 2014

- Bachelor's in Computer Science and Engineering
- Undergrad Coursework: Data Communication and Networking, Operating Systems, Unix, Databases

Projects

- Auth proxy layer (2019) Add authentication layer and proxy to unprotected apps using NodeJS
- VoIP GSM Gateway (2019) Setup and configured GSM over VoIP using asterisk for Raspberry Pi