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Sacramento 95826 CA

Advait Kunte

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Employment

Senior Software Engineer **Zivame** **Aug 2018 - Present**

- Designed and deployed Auto-scaling for web-servers, resulting in deployment of n-servers in matter of seconds based on server load, and traffic
- Rightsized server capacity and service resulting in reduction of AWS monthly cost by 20%
- Identified network bottleneck in the caching layer, designed and implemented a new system which scales horizontally and reducing average API latency from 1 sec to 0.15 sec
- Trend alerts for API errors, conversion drops, and other financial metrics helping us react to changes actively
- Deployed Elastic Stack for analysing logs and real-time order visualisation helping business team to actively change offer parameters

Full Stack Developer **TenTenTen Digital Products** **Oct 2014 - Jun 2018**

- Building a scalable fantasy gaming application, serving 100,000 concurrent users at peak
- Built monitoring tools for Production servers to track metrics like CPU, Memory, number of connections
- Lead migration of code from jQuery to AngularJS, cutting development time by 2x
- Debugged, and fixed a bug on web2py framework(2.3.2), which wrote to sessions DB for every request helping us serve 100,000 concurrent users from the previous 60,000 users
- Programmatically generate images to be shared on social media
- Developed producer consumer framework to process email sending
- Tweaking kernel default kernel parameters, increasing average requests served by a server from 2K to 2.5K

Education

Sacramento, CA **California State University, Sacramento** **Fall 2019 - May 2021**

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

Bangalore, India **Ramaiah Institute of Technology** **Sept 2010 - Jun 2014**

- Bachelor's in Computer Science and Engineering
- Undergrad Coursework: Data Communication and Networking, Operating Systems, Unix, Databases, Cloud Computing, Theory of Computation, Computer Organisation, Design and Analysis of Algorithms, Compilers

Technical Experience

Personal 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 Raspberry Pi using asterisk

Languages and Technologies

- Python, Javascript, Java, Shell, HTML, CSS, PHP, C++, C
- NodeJS, Flask, Django, MySQL, AngularJS, Jenkins, Amazon AWS(EC2, RDS, VPC, R53, SES, SQS, ElastiCache, CloudWatch), ELK Stack, Nginx, Uwsgi