Murali Varma

Looking for Full Stack or Senior Server Engineering position in a dynamic environment that leverages my 9 years of experience in building robust end-to-end code for high concurrent businesses

2161 Whitman Way, Apt 37
San Bruno, CA 94066
Phone: (205) 516-2447
Email: muraliavarma@gmail.com
Portfolio: http://murlax.com

EXPERIENCE

TripIt/SAP.IO, San Francisco — Senior *Full Stack Engineer*

JULY 2018 - PRESENT

- Leading VueJS project for TripIt web app and dockerizing it
- Made 10-fold improvement in geospatial queries for computing number of school regions by optimizing Postgres queries & indices.
- Reduced AWS monthly costs by 60% by down-scaling Kubernetes cluster; Managed snapshotting of EBS volumes for data scientists.

Zynga, San Francisco — *Senior Server Engineer*

JUNE 2013 - June 2018

- Improved the internal data building times from 50 minutes to 3 minutes through parallelization and caching mechanisms.
- Built a scalable Challenges Framework in PHP and ReactJS which lifted daily user engagement of slots games by more than 40%.
- Migrated volatile Memcached cluster to Amazon Elasticache and wrote AWS Lambda functions to auto-replace bad nodes.

GameClosure, Mountain View — *Software Engineer Intern*

JUNE 2012 - AUGUST 2012

Improved performance of displaying a gallery of user-generated canvas in a Drawing game by optimizing HTML5 draw calls

Cisco Systems, Bangalore — *User Experience Tech Lead*

AUGUST 2008 - JULY 2011

Led a team of 3 engineers to develop multiple tools for network mgmt.

EDUCATION

Georgia Tech, Atlanta — *Masters in Computer Science*

AUGUST 2011 - APRIL 2013

Worked on more than 30 projects mostly in computer graphics domain

- Rendering pipeline implemented purely in JavaScript
- Finger Soccer with depth sensors as input from MS Kinect

Natl. Institute of Tech, Surathkal — *Bachelors in Computer Science*

AUGUST 2004 - APRIL 2008

SKILLS

Vue JS

Amazon Web Services

Kubernetes/Docker

React JS

Jest

CircleCI and Jenkins

PostgreSQL

LANGUAGES

JavaScript & NodeJS

Python

PHP

MySQL

Unity

Java

SIDE PROJECTS

YouSpot *Chrome Extension*

Discover songs from a YouTube video and add to Spotify playlist
https://chrome.google.com/webstore/detail/youspot/bojlgkgcbdcldkhjjapllgncgdgalhfj

NodeJS RayTracer

A ray tracer designed in NodeJS
https://github.com/muraliavarma/raytracer_nodejs