

Murali Varma

Looking for Full Stack or Senior Server Engineering position in a dynamic environment that leverages my 8 years of experience in building robust end-to-end code for high concurrent businesses

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Portfolio: <http://murlax.com>

EXPERIENCE

Zynga, San Francisco — Senior Server Engineer

JUNE 2013 - PRESENT

- Built a highly scalable Challenges Framework in PHP and a robust ReactJS admin tool for our Slots Game which lifted user engagement by more than 40%
- Migrated volatile Memcached cluster to Amazon ElastiCache. Also wrote AWS Lambda functions to auto replace bad nodes which removed the need for manual maintenance
- Improved internal data building times from 50 minutes to 3 minutes by deep diving and profiling. Used parallelization and caching to achieve more than 10x speed improvements
- Developed complex mechanics for many slots games and tooling around simulation that vastly improved slots game making pipeline

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 done 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

Amazon Web Services

Full Stack Developer

React JS

Chef Provisioning

Jenkins

LANGUAGES

JavaScript

PHP

MySQL

Unity

Python

Java

SIDE PROJECTS

YouSpot Chrome Extension

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

NodeJS RayTracer

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