Sathyam Vellal

Los Angeles, CA - Email me on Indeed: indeed.com/r/Sathyam-Vellal/9fb52fd9100f4d09

Sponsorship required to work in the US

WORK EXPERIENCE

Software Engineer

PayPal Inc   -   Bangalore, India - June 2014 to July 2016

• Analysed and worked towards tapering false positives in detection of fraudulent transactions, directly impacting annual revenue, and brought in customer insights which were used to refine and enhance fraud detection models.
• Design, implementation and support of the Free Return Shipping web flows, both activation and product experiences.
• Design and implementation of a multi-faceted Mobile Wallet solution for the Telcel Pay and Claro Pay white-label apps.
• Also involved in realisation of product design, enhancements and support to other products, technical support during events.

Software Engineer Intern

PayPal Inc.   -   Bangalore, India - January 2014 to June 2014

• Analysis and research of the existing (at the time) Payouts Experience (known as MassPay).
• Prototyped and contributed to the Next-Gen Payouts Experience with enhanced UX and modern webtools on the Node.js stack.

Contract Developer for Boost.Org

Google Summer of Code   -   Remote - June 2013 to August 2013

• Developed a new aligned memory allocator and modified core functionality of the library to enable auto-vectorisation.
• Implemented e ficient BLAS routines, like GotoBLAS Matrix-Matrix multiplication and more, to boost library's performance.
• With benchmarks using standard algorithms, captured the increase in library's performance from my contributions.

Application Developer

Student Nokia Developer   -   Bangalore, India - June 2011 to August 2011

• Built a two-player and a four-player game based on the traditional Indian game of ``Chowka Baara'' with a robust computer gameplay for the Symbian platform. The game was among the Top 10 new releases for the month (at the time).
• Was also part of the small-scale innovation team, working on mobile apps for low-end Nokia devices (devices with keypad).

EDUCATION

Master of Science in Computer Science

University of Southern California   -   Los Angeles, CA
August 2016 to May 2018

Bachelor of Engineering in Computer Science & Engineering
PES University   -   Bangalore, India
August 2010 to June 2014

SKILLS

C (6 years), C++ (5 years), Javascript (4 years), Python (5 years), Web Development (3 years), Java (4 years), Linux (5 years), Matlab (1 year), Android (1 year), IOS (1 year), Node.js (2 years), Backbone.js (1 year), React.js (1 year), React-Native (Android/iOS) (1 year)

LINKS

http://github.com/sathyamvellal

http://linkedin.com/in/sathyamvellal

http://sathyam.me

AWARDS

Winner - PlayPal Web Design Contest, PayPal
August 2014

Winner - Global Product Hackathon, PayPal
December 2014

Runner Up - Consumer Org Product Hackathon, PayPal
August 2015

Winner - Small Business Challenge, PayPal
December 2015

Distinction Award
For all semesters during undergraduation.