

Vishnu Mohandas

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EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY

BE IN COMPUTER SCIENCE

2013 | Mesra, India

Cum. GPA: 7.42/10

HARI SRI VIDYA NIDHI

ISC - 96.25%

2009 | Thrissur, India

ICSE - 94.40%

2007 | Thrissur, India

COURSEWORK

Data Structures & Algorithms
Software Design & Development
Database Management Systems
Operating Systems
Computer Networks

SKILLS

LANGUAGES

Java • JavaScript • C • Python

STACKS

Server • Android • Web • VoIP

DATABASES

MySQL • PostgreSQL

SOCIETIES

BIT MESRA

Co-ordinator	Placement Cell
President	Music Club
Webmaster	ACM Chapter
Administrator	DC Hub

LINKS

LinkedIn://vishnukvmd

GitHub://vishnukvmd

XDA://vishnu

FB://vishnukvmd

SoundCloud://vishnukvmd

OTHERS

- Violinist
- Lurker on reddit, HN
- Speaks English, Hindi, Malayalam

EXPERIENCE

KAPOW | DIRECTI | SENIOR PLATFORM LEAD

July 2016 – Feb 2018 | Delhi, India

- Led the development for Kapow - a multi-player gaming platform.
- Architected the platform infrastructure, designed and documented all external APIs.
- Developed the RPC framework for games and the internal services for game-state replication, match-making and re-engagement.
- Setup the recruitment strategy and helped expand the team from 5 to 30.
- Played a key role in product development, devising business and marketing strategies, acquiring 1M+ users over the course of a year.

ZETA | DIRECTI | PLATFORM LEAD

October 2015 - July 2016 | Bangalore, India

Conceptualized, developed and sold the MVPs for Zeta's Express suite of products to multiple enterprises with 5000+ employees

- Super Tag: NFC based payment solution
- Express Kiosk: Automated cashier system powered by a Raspberry Pi
- Express Remote: App based order management system

RINGO | DIRECTI | SENIOR PLATFORM DEVELOPER

February 2014 - October 2015 | Bangalore, India

- Led the development of Ringo's Android client with a team of 5 devs and 2 QAs.
- Coded core components of the app including the VoIP and networking layer.
- Extracted WebRTC's echo cancellation engine, optimized it for mobile and integrated it into the VoIP module.

FLOCK | DIRECTI | PLATFORM DEVELOPER

July 2013 - February 2014 | Bangalore, India

- Designed and developed an image loading library with configurable networking, caching and display mechanisms for Flock's Android client.
- Set up the CI, crash-reporting and logging frameworks.

FLOCK | DIRECTI | SUMMER INTERN

May 2012 - June 2012 | Mumbai, India

- Built a P2P multi-party video conferencing system atop WebRTC.
- Integrated the system into Flock's web client using the existing messaging infrastructure for relaying SDP packets.
- Was given a pre-placement offer on completion of the project.

PROJECTS

ATHENA - ONLINE JUDGE

October 2012 – April 2013 | Birla Institute of Technology

Part of the 3 member team that developed an online judge to host programming contests which is till date actively used by the college students. Technologies implemented includes inter-tab communication, RPCs, pluggable widgets, dynamic form generation & validation.

KERNEL DEVELOPMENT

December 2011 – July 2013 | XDA-Developers

Developed custom Android Kernels for Samsung Galaxy 3 and Sony's Xperia series of devices. Features included multi-boot, over-clocking, custom recovery, auto-root, support for init.d scripts, extra CPU governors and IO schedulers.