

Jishnu Mohan

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EDUCATION

MES College of Engineering

Bachelors degree in Information Technology

University of Calicut, Kerala, India

2017 – 2011

SKILLS

Languages / APIs / Tools: Javascript, Python, PHP, MySQL, HTML/HTML5, CSS/CSS3, SCSS, Shell Scripting, Node, Less, MongoDB

Languages / APIs / Tools - Familiar: C, C++, Android app development, Lua, Objective C, iOS app development, Java, Debian packaging, Arch Linux packaging

Frameworks / Libraries: Flask, React, React-Native, Redux, Webpack, Vue.js, Backbone.js, GameClosure, Memcached, Mocha.js, jsio, Express.js, AngularJS, Babel, Amazon Alexa, Drupal, Wordpress, Ghost, Codeigniter

Platforms GNU/Linux (Arch Linux, Debian & Ubuntu), AWS, Heroku, OpenShift, Google Cloud, Android, iOS

Version Control: Git, Subversion, bsr

WORK EXPERIENCE

Forma (Formerly known as Twic)

Staff Software Engineer

Fremont, CA - Remote from India

2019 April – Present, Full-time

- Fintech product on Employee benefits space.
- Implemented SAML IdP and configure SSO with third party service providers.
- Key role in standardizing code quality, coding standards and developer tools to enforce the standards.
- React based frontend work on employee portal and several internal frontend and backend projects.
- Picked up features, worked on design documents, test plan, backend code work, frontend code and managed till deployment and testing.
- Worked on all parts of the code base, company wide.
- Worked on Google Cloud App engine, Firebase, AWS ElasticBeanstalk.
- Worked on backend infrastructure and possibility of having VPC and VPN interconnecting Google Cloud, AWS and Mongo Atlas.
- Built initial version of React native based mobile app.
- SCIM implementation to support Microsoft azure active direciores.

Tarobites

Software Engineer

San Francisco, CA - Remote from India

2016 Dec – 2019 Mar

- Worked on tarobites.com customer facing website, backend APIs, chef web interface, admin web interface and mobile apps.
- Food tech company based in bay area.
- Was working on initial versions of the frontend with Angular.JS
- Lead role in fully rewrite of cosumer facing frontend with React.JS
- Worked on key internal projects, backend, operations help and frontend code.
- Worked on all parts of the code base, company wide.

Hashcube Technologies

Senior Software Engineer & Team Lead

Bangalore, India

2012 Nov - 2016-Dec

- Built #1 Sudoku game - Sudoku Quest on Facebook platform with PHP based backend, Backbone.JS based frontend
- Handled deployment of games on company's own managed server on AWS.
- Worked on Dotgame, another popular game from the company - handled UI rewrite and player rankings.
- Built mobile versions of the games with GameClosure engine.
- Managed release processes on both Android and iOS.
- Contributed bugfixes and features back to the open source GameClosure game engine.
- Created native modules for iOS and android with Objective-C and Java with native APIs.

- Improved performance of the games on low RAM devices with code written on C/C++ and Javascript code optimization.
- Lead engineering team and key decision making role for the new game Gummy Pop.
- Managed engineering team of 8 people.
- Worked on Alexa skill with python based backend and AWS ElasticBeanstalk.

Accel Frontline (Ushus Tech Division)

Software Engineering Trainee

Kochi, Kerala

2012 April - 2012 Oct

Ubiquario

Software Engineer

Kochi, Kerala

2011 Aug - 2012 Feb

AWARDS & ACHIEVEMENTS

2018 MOSS (Mozilla Open Source Support) Award: Awarded my work on the project Indic Keyboard.

Google Summer of Code: been a mentor for the years 2013, 2014 and 2016.

SMS Attendance and Indic Keyboard featured in national media: Projects got featured on national dailies and online medias - Deccan Chronicle, The Hindu, Times of India, Indian Express, The Economic Times, Malayala Manorama, Deshabhimani, Mathrubhumi and Medianama.

Indic Keyboard ranked #1 on Google Play Store: On launch, the app was ranked #1 in India, Saudi Arabia and UAE on top new free tools list.

Ubuntu App Showdown: DeskWiki project was one of the 50 selected applications in the Ubuntu App Showdown contest.

Yourstory.com article: Yourstory wrote a profile on me in their techie tuesdays column - [Link](#)

PROJECTS

Indic Keyboard | [Website](#) [Source](#)

Mozilla Open Source Support Award (MOSS) winning Indian language input method for Android devices with more than **3 Million** downloads.

Yet Another 2048 | [Web](#) [Source](#)

Popular web based puzzle game 2048, re-written and optimized for mobile.

DeskWiki Editor | [Source](#)

A desktop client to edit MediaWiki websites.

SMS Attendance | [Source](#)

Daily attendance SMS alert for MES College of Engineering students. During the period when project was active, it had more than 2300 registered users (out of 2700 students).

Unicalbot | [Source](#)

A bot that checks for notifications and exam results from University of Calicut website and tweets about it.

FREE & OPEN SOURCE SOFTWARE CONTRIBUTIONS

LibIndic (Silpa) , jquery.i18n , jquery.ime , Game Closure , CyanogenMod / LineageOS , GNOME Localization , SMC Fonts , More at <https://j15h.nu>