

Jishnu Mohan

*Staff Software Engineer
with 11+ years of experience.*

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🌐 j15h.nu

Technical skills

Languages /
APIs / Tools Javascript, Python, PHP, MySQL,
HTML/HTML5, CSS/CSS3, SCSS,
Shell Scripting, Node, Less, Mon-
goDB

CMS &
Frameworks 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

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

Version Git, Subversion, bsr

Control:

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

Education

2007 – 2011 **Bachelors degree in Information Technology**, *MES College of Engineering.*
University of Calicut, Kerala, India

Professional Work Experience

- 2019 Apr – Till date **Forma (Formerly known as Twic), Staff Software Engineer**, Company based in Fremont, CA - Working as a fulltime Remote employee, <http://joininforma.com>.
- Fintech company working 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.
- 2016 Dec – 2019 Mar **Tarobites, Software Engineer**, San Francisco, CA - Remote employee, <http://tarobites.com>.
- 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.
- 2012 Nov – 2016 Dec **Hashcube Technologies, Software Engineer & Team Lead**, Bangalore, India, <http://hashcube.com>.
- 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.
- 2012 April – 2012 Oct **Accel Frontline (Ushus Tech division), Software Engineer Trainee**, Kochi, India.
- 2011 Aug – 2012 Feb **Ubiquirio, Software Engineer**, Kochi, India.

Selected Personal Projects

Indic Keyboard

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

Web - <https://indic.app> | Source - <https://j15h.nu/source/keyboard>

Yet Another 2048

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

Web - <https://j15h.nu/2048> | Source - <https://j15h.nu/source/2048>

DeskWiki Editor

A desktop client to edit MediaWiki websites.

Source - <https://j15h.nu/source/wiki>

AppRank.in

A website which tracks Google Play app rankings.

Web - <https://apprank.in>

SMS Attendance

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).

Source - <https://j15h.nu/source/attendance>

Unicalbot

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

Source - <https://j15h.nu/source/unical>

Blender Add-Ons

Developed a set of blender add-ons for architects.

Source - <https://j15h.nu/source/wall>, <https://j15h.nu/source/library>

Publish Your Bookmarks

Simple tool to publish Firefox bookmarks as a webpage.

Source - <https://j15h.nu/source/bookmark>

Noteworthy Free/Libre/OpenSource Software Contributions

LibIndic (Silpa)	http://libindic.org
jquery.i18n	https://github.com/wikimedia/jquery.i18n
jquery.ime	https://github.com/wikimedia/jquery.ime
Game Closure	https://github.com/gameclosure/devkit
CyanogenMod / LineageOS	http://www.lineageos.org/
GNOME Localization	http://l10n.gnome.org
SMC Fonts	https://github.com/smc/fonts

More list of projects can be found at <https://j15h.nu>

Activities & Achievements

- * Received 2018 **MOSS (Mozilla Open Source Support) Award** for my Indic Keyboard work.
- * **Google Summer of Code (GSOC)** Mentor - For the years 2013, 2014 and 2016.
- * **SMS Attendance** and **Indic Keyboard** featured on national dailies, Deccan Chronicle, The Hindu, Times of India, Indian Express, The Economic Times, Malayala Manorama, Deshabhimani and Mathrubhumi.
- * **Indic Keyboard** ranked #1 in India, Saudi Arabia and UAE on top new free tools list.
- * DeskWiki was one of the 50 selected applications in the **Ubuntu App Showdown** contest.
- * Yourstory.com wrote a profile on their techie tuesdays column - <https://yourstory.com/2017/03/techie-tuesdays-jishnu-mohan/>

Blogs & Social Media

Home Page	https://j15h.nu
Github	https://github.com/jishnu7
Gitlab	https://gitlab.com/jishnu7
Medium	https://medium.com/@jishnu7
Personal/tech	https://blog.j15h.nu