Yedhu **Krishnan**

Post Graduate Student in Image Processing

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Experience

Multunus Software *Bangalore, India*

Software Developer, Open Source Contributor *Jun 2013 - May 2017*

- Worked with teams, ranging from 2 to 8 people, developing applications for customers
- Developed web and mobile applications using Ruby on Rails, Sails.js, Backbone.js and Android (Java)
- Practiced and propagated Agile Methodology for software development
- Followed practices like pair programming and Test Driven Development (TDD) religiously
- Developed and contributed to various open source projects including Sails.js framework
- Conducted Hacknight and Coderetreat events
- Part of recruiting team to interview potential candidates
- Trained newest members on technology and practices

Aconex *Bangalore, India*

Software Consultant *Apr 2015 - Oct 2015, Apr 2016 - Jun 2017*

- Worked as a consultant from Multunus for one year, and as an Independent Contractor for 3 months
- Was part of team developing Aconex Field, an application to carry out inspections in construction sites
- Worked with technologies and frameworks including Ruby Webmachine, Cordova and Angular.js

Skills

Programming Languages

- **Ruby, Python, Javascript, Java, Elixir**

Frameworks, Packages and Databases

- **Ruby on Rails, Sails.js, Angular.js, Android**
- **RSpec, Jasmine**

Practices and Methodologies

- **Pair Programming, Test Driven Development (TDD), Continuous Delivery**
- **Object Oriented Programming (OOP), Functional Programming (basics)**

Projects

Playing Checkers with Deep Learning *Model Engineering College*

Software Developer *Jan 2018 - Present*

- **Python**
- Developing a self playing checkers game using deep learning and Monte Carlo Tree Search
- Mini project part of M.Tech coursework

Aconex Field *Aconex*

Software Developer *Apr 2015 - Oct 2015, Apr 2016 - May 2017*

- **Angular.js, Ruby**
- Developed an application to conduct structured/unstructured site inspections in construction field
- Developed a back-end in Ruby Webmachine to store/retrieve structured inspection data

bidPress *Multunus Software*

Software Developer *Nov 2015 - Apr 2016*

- **Ruby on Rails, Backbone.js**
- Developed a website for customers in United States to design and order custom printed T-shirts
- Developed a back-end service in Phoenix to do the price calculation for their orders

EyzUp
Multunus Software

SOFTWARE DEVELOPER — *Feb 2015 - Apr 2015*

- **Android (Java), Ruby on Rails**
- Developed an application which tracks phone usage and also helps to reduce the usage with gentle reminders or restrictions
- Learned about Material Design concepts and carried out Design Sprints to come up with solutions with a problem driven approach

sails-generate-auth
GitHub

OPEN SOURCE CONTRIBUTOR — *Nov 2014 - Feb 2015*

- **Sails.js**
- A Passport.js based authentication generator for use with the Sails command-line interface
- Developed token based authentication feature in to the library

even-more-passport
GitHub

SOFTWARE DEVELOPER, OPEN SOURCE CONTRIBUTOR — *Dec 2014*

- **Sails.js**
- An example application to demonstrate authentication and authorization using Passport.js
- Was one of the contributors to sails101 GitHub organization

OneMDM
GitHub

SOFTWARE DEVELOPER, OPEN SOURCE CONTRIBUTOR — *Oct 2014 - Dec 2014*

- **Sails.js, Android (Java)**
- Developed an Android application running as a service that communicates with a back-end server
- Developed a back-end solution which monitors Android clients and pushes applications to be installed in the device

Mobile Device Management Solution for ContextMedia Health
Multunus Software

SOFTWARE DEVELOPER — *Aug 2013 - Oct 2014*

- **Ruby on Rails, Backbone.js, Android (Java)**
- Developed a mobile application for educational purpose to use in tablets placed in medical clinics in United States
- Developed a back-end which allows admin to monitor the devices and push video contents to it whenever required

Turing Machine
GitHub

SOFTWARE DEVELOPER, OPEN SOURCE CONTRIBUTOR — *Feb 2013*

- **C**
- Developed a turing machine simulator that accepts a string and processed it according to a given set of transitions

Activity

CodeRetreat
Multunus Software

ORGANIZER, PARTICIPANT — *Apr, 2014, Jul 2014, May 2016*

- Was part of the organizing team of CodeRetreat, a day long event for practicing fundamentals of software design
- Participated in the event to gain and share knowledge

Hiring
Multunus Software

RECRUITER — *2014, 2015, 2016*

- Was part of the hiring team to recruit new member to the team
- Interviewed more than 50 candidates (fresher/experienced) to assess their technical and non-technical skills over a span of 3 years

Training
Multunus Software

TRAINER — *2016*

- Mentored the newest members to help them pick up on their technical skills

Contributor to Sails.js Community
GitHub

OPEN SOURCE CONTRIBUTOR — *2015*

- Contributed various example applications and to the documentation of Sails.js

Open HackNight
Multunus Software

ORGANIZER, PARTICIPANT — *Sep 2014*

- Was part of the organizing team of Open HackNight, a night long event to hack on anything
- Participated in the event and developed the first version of a spam filter using Machine Learning

Education

FISAT (Federal Institute of Science and Technology)   *Kerala, India*

B.Tech in Computer Science and Engineering (Undergraduate)   *2009 - 2013*

- Got the best project award for Checkers using Artificial Neural Networks
- Was a volunteer/member of IEEE FISAT Chapter
- Conducted various programming challenges as part of tech fests

MEC (Model Engineering College)   *Kerala, India*

M.Tech in Computer Science: Specialization in Image Processing (Graduate) *2017 - Present*

- Worked on various deep learning and image processing projects

Writing

Daily Journal

- In English and Malayalam

My Technical Journal (Blog)

- My blog to share what I learn

Reading

Fiction and Non-Fiction

- Active member and a librarian on Goodreads: https://www.goodreads.com/yedhukrishnan
- Currently on a goal to read 100 books in 2018

Technical

- The Pragmatic Programmer; from Journeyman to Master