

# SANTHOSH VAIYAPURI

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**GITHUB** [santhoshvai](https://github.com/santhoshvai)

## SIDE PROJECTS

### MUNBE VAA

A simple static webpage for my favorite song that syncs lyrics using css animations.

### CTCI

One of the top contributors to a popular repo in github with approx. 1000 stars and forks. I push solutions of some popular algorithmic questions in Go.

### BLOG

I designed my own static website and hosted it on github. I also occasionally share my thoughts in the blog section.

### BINTREES

A Golang package that provides Binary- RedBlack- and AVL-Trees.

## EDUCATION

### Eindhoven University of Technology - Netherlands

Master of Science, Embedded Systems – software specialization

Aug 2014

GPA: 7.3/10

### Anna University - India

Bachelor of Engineering, Electronics and communication

May 2011

GPA: 83/100

## WORK EXPERIENCE

### Software Engineer - ICT.eu: Eindhoven

Sep 2014 – Current

- Development of Calibration, performance measure and diagnostics software in Python and C for ultraviolet level sensors.

### Software Engineering Intern - ASML: Eindhoven

Nov 2013 - Aug 2014

- Worked with CARM-2G team primarily in Java and Python.
- Automated development of models to simulate servo control applications using Java.
- Developed a CLI tool in Python to understand data resulting from simulation and run statistical tests.

### Intern - PHILIPS RESEARCH: Eindhoven

Jun 2013 - Aug 2013

- Worked with MRI imaging scientists to find what imaging software they needed.
- Proposed usage of open source imaging libraries in C++/Java with UML models of software tools for MRI imaging software development in the future.

### Software Developer - COGNIZANT: Chennai

Aug 2011 - Apr 2012

- Redesigned a web application that was used internally for publishing employee ratings.
- Designed for mobile responsiveness with animations written in JavaScript.

## TECHNICAL SKILLS

- Experienced: JavaScript, Python, C and C++.
- Basic: Go, Java, HTML + CSS and SQL.
- Others: Bash scripting + Unix tools and Git.

## ACHIEVEMENTS

### SCHOLARSHIP

Recipient of university scholarship during undergraduate education for academic excellence.

### EXCELLENCE

Employee excellence internal award at Cognizant Technology Solutions, 2012.