SANTHOSH VAIYAPURI

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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 ocassionally share my thoughts in the blog section.

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

- <u>Experienced</u>: Java, Python, JavaScript, and C.
- <u>Basic</u>: Go, HTML + CSS and SQL.
- <u>Others</u>: 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.