

SANTHOSH

VAIYAPURI

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PLACE Eindhoven

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GITHUB [santhoshvai](#)

TECHNICAL SKILLS

- Experienced: Java SE, SQL, Android and C.
- Basic: SQL, Python, HTML and CSS.
- Others: Unix tools and Git.

ACHIEVEMENTS

SCHOLARSHIP

Recipient of university scholarship during undergraduate education for academic excellence.

AWARD

Employee excellence internal award at Cognizant Technology Solutions, 2012.

SUMMARY

- 2 Years of Java SE development experience.
- 1 Year of Android development experience.
- Strong competencies in algorithms and data structures.

WORK EXPERIENCE

Software Engineer – ICT.eu: Eindhoven

Sep 2014 - Current

- Develop calibration, performance measure and diagnostics software for metrology module of ASML TWINSKAN XT:860 machine. Skills: Java, C

Intern – ASML: Eindhoven

Nov 2013 - Aug 2014

- Developed an eclipse plugin using Java that can analyze the timing variability in a multi-core embedded subsystem for servo control.
- Developed a CLI tool in Python to understand data resulting from simulation, run statistical tests and show the timing of each application through a Gantt chart

Intern – PHILIPS: Eindhoven

Jun 2013 - Aug 2013

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

Software Developer – COGNIZANT: Chennai

Aug 2011 - Apr 2012

- Developed a native *Android* app to be used internally for publishing employee ratings.

EDUCATION

Udacity - Android Developer Nanodegree

Current

An online certification program co-created by Google.

Eindhoven University of Technology – Netherlands

Aug 2014

Master of Science, Embedded Systems – software specialization

GPA: 7.3/10

Anna University – India

May 2011

Bachelor of Engineering, Electronics and communication

GPA: 83/100

PROJECTS

Sunshine Watchface

github.com/santhoshvai/sunshineWatchFace

Developed a watchface for android wear devices that shows current weather.

xyzreader - Android app

github.com/santhoshvai/xyzreader

Transformed a functional RSS reader app to conform to material design.

Android Build-it-bigger project

github.com/santhoshvai/Build-It-Bigger

App that displays jokes from Google cloud endpoint, with free and paid flavors.

Android Super-Duo project

github.com/santhoshvai/super-duo

Productionized two apps by adding localization, widget and accessibility.

Spotify-Streamer app

github.com/santhoshvai/Spotify-Streamer-P2-Android-ND

Android app for searching top music artists listed on Spotify and playing their songs.

CTCI

github.com/gaylemcd/ctci/tree/master/Go

One of the top contributors to a popular repo in Github with around 2000 stars and forks. I push solutions of some popular algorithmic questions in Golang.