SANTHOSH VAIYAPURI

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TECHNICAL SKILLS

- Experienced: Android, Java SE and C.
- Basic: SQLite, 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 TWINSCAN 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.