

Aswin Babu Karuvally

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INTRODUCTION	Developer, trainer and free software enthusiast. Currently working as CAD Engineer at XILINX		
EDUCATION	College of Engineering Trivandrum , Kerala, India		
	▪ Master of Computer Applications		Aug 2016 – Jun 2019
	• CGPA: 7.7 / 10		
	Naipunnya School of Management , Kerala, India		
LINKS	▪ BSc. Computer Science		Jun 2013 – May 2016
	• CGPA: 7.9 / 10		
	▪ Github : https://github.com/karuvally		
	▪ LinkedIn : https://linkedin.com/in/karuvally		
EXPERIENCE	▪ Blog : https://karuvally.github.io		
	CAD Engineer, XILINX , Hyderabad, India		
			Jul 2019 – Present
PROGRAMMING	▪ Developed tool to report Engineers not getting access to their license share		
	• Improved job runtime for engineers		
	• Reduced turnaround time for Infra team		
	▪ Developed AutoKill system for non-compliant jobs in compute cluster		
PUBLICATIONS	• Improved license availability for critical jobs		
	▪ Conducted company-wide training on ICM GDP Revision Control System		
	• Empowered users to fix basic issues themselves		
PROJECTS	CAD Engineer Intern, XILINX , Hyderabad, India		
			Feb 2019 – Jul 2019
	▪ Enhanced Compute cluster status check tool		
	• Enabled better statistics for compute cluster		
INTERESTS	• Allowed easier management, maintenance of cluster		
	Freelancing , Kerala, India		
			Dec 2015 – Nov 2018
PROJECTS	▪ Worked as freelance developer, admin, manager		
	▪ Worked with institutions to train students on GNU/Linux, Git, IoT and Python		
PROJECTS	Languages		
	• Python • Perl • BASH/CSHELL • HTML/CSS		
	Tools/Technologies		
	• GNU/Linux • SQL • Git • ICMANAGE GDP • LSF • Scikit-learn • pdb • Django • Bottle		
PUBLICATIONS	CONFERENCES		
	[1] Aswin Babu Karuvally, Basith Hameem, Ann Jerin Sundar and John Prakash Joseph “Enhancing Performance and Reliability of Network File System,” in <i>Proceedings of the International Conference for Control Communication and Computing 2018</i> , Trivandrum India, Jul 2018.		
PROJECTS	▪ Deploy It - simple to use deployer for Python apps		2019
	▪ NetDog - dead simple configuration management		2018
	▪ Lightup - replacement for Intel’s xbacklight utility		2017
	▪ Modem Reset - Auto reset and reconnect dialup connection upon failure		2011
INTERESTS	UNIX • Free Software • Network Programming • Vintage Computing • Virtualization		