Vishnu Vasan

8+Years | SW Development Engineer

vishnuvasan@vishnuvasan.com

Bangalore, India (GMT+5:30)

https://github.com/vishnuvasan

+ OBJECTIVE

Plan -> Do -> Fail -> Learn -> Share -> Colloborate -> Master -> Repeat

+ AVAILABILITY

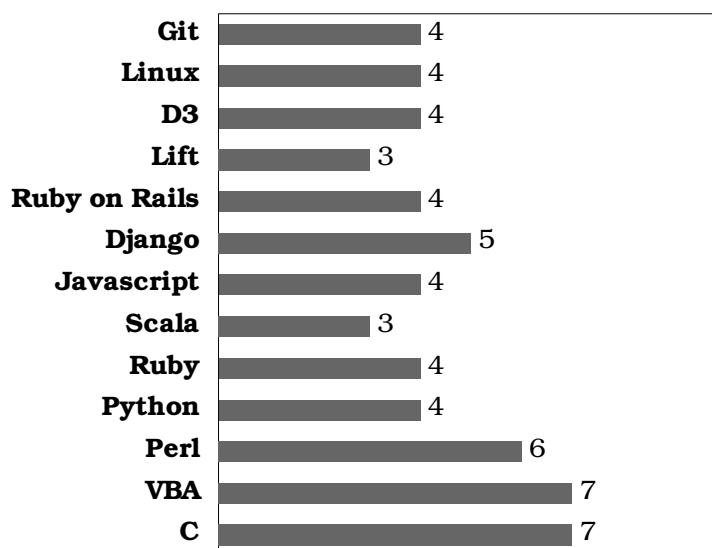Contract to Hire | Telecommute | Open Source

+ ENJOYS

Problems/Challenges

Foraying into New Technologies/Directions

Programming, Learning, Colloboration, Diversity, Openness, Camaraderie

+ SKILL SCALE

Skill	Rating
Git	4
Linux	4
D3	4
Lift	3
Ruby on Rails	4
Django	5
Javascript	4
Scala	3
Ruby	4
Python	4
Perl	6
VBA	7
C	7

+ OPEN SOURCE PROJECTS

Since March 2010

ProtoGenome Synthesizer	Analysis and Visualization of Various Genomes of Plants
Car Calibration Generator	**Car Calibration Data Parser**
Jenkins Integrator	**Device Drivers for Multiple Controllers**
Vehicle Location Tracker	**DuckDuckGo Goodies**

+ PROFESSIONAL EXPERIENCE

Sep 2013 – Till Date

Mercedes Benz Research and Development India

Real Time Test Development for Hardware In Loop Systems

- Developed Real Time Automation Tests in Multi Core Architecture for Real Time Multiple Electronic Control Unit Interaction/Environment
- Developed Custom Interface for interacting with Multiple DLL's
- Visualization of Various Engine/Transmission ECU Relevant Data using Javascript, D3js & R
- Test Automation Development/Testing of Engine and Transmission ECU in Provetech:TA for dSpace HiL Environment
- Utilized lot of Functional Programming concepts and Developed multiple Tools in Multiple Languages like VB Script, VBA, Perl, Javascript etc.,

Feb 2011 – Sep 2013	**Robert Bosch Engineering and Business Solutions India**
	Senior Software Engineer – ECU Application SW Model Development

- ◆ Developed Multiple Tools – Majorly Data to Model(D2M) – For Conversion of Autosar Interface Data directly to ASCET Models without human Intervention
- ◆ Been Instrumental in Multiple Efficiency Improvements and Developed tools like A2L Extractor,A2L Generator,E-Hooks Generator etc.,
- ◆ SW Model Development of Engine Functions in ASCET– Actuator Test, Torque Distribution/Reservation during Maximum Load, Idle Speed Control
- ◆ Development of Stateflow/State Machine Design in MATLAB and ASCET

Mar 2010 – Feb 2011	**Automotive Infotronics**
	(A Joint Venture between Continental AG & Ashok Leyland),India
	Graduate Engineer Trainee – ECU Application SW Development/Testing

- ◆ Mathematical Model Development for Intelligent Tire System Algorithm Configuration

+ EDUCATION

2004 - 2008	**Bachelor of Engineering – Electronics and Communication Engineering**
	77% - I Class
	Anna University/ Saranathan College of Engineering,Trichy, TamilNadu,India

+ LANGUAGES

English	Fluent
German	Elementary Proficiency
Tamil	Mother Tongue