Suman Chandrappa

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WORK EXPERIENCE

Toshiba Software India Private Limited, Bengaluru India.
Designation: Software Engineer.
Experience: 3 Years (active).

WORK AREA

1) Currently working as a Software Engineer in Home Automation Project which controls smart appliances in the house using an internet enabled android phone via cloud.
    i)   Language: Spring Boot (MQTT & REST API service), Android (Basic Application),Python.
    ii) Duration: 2 Months (July-2017 to Present)

2) Worked as a Software Engineer on Data Analytics Project MATLAB Code porting to C++ application.
    i)   Language: C++ and OOPs Concepts
    ii) Duration: 6 Months (Mar-2017 to Present)

3) Worked as a Software Engineer on Data Analytics Project result Validation. i.e., Ground Truth extraction, Verification and Evaluation.
    i)   Language: MATLAB
    ii) Duration: 3 Months (Dec-2017 to Feb-2017)

4) Worked as a Software Engineer on Toshiba Solid State Drive (SSD) in Write Controller module with the implementation of defect mapping, patrol read and TLC and PSLC read.
    i)   Language: C
    ii) Duration: 3 Months (Sep-2016 to Nov-2017)

5) Worked as an Associate Software Engineer on a Software Driver Development of custom crypto hardware for a SoC. This hardware reduced the CPUs software crypto packet processing overhead.
    i)   Language: Embedded C
    ii) Duration: 8 Months (Jan-2016 to Aug-2016)

6) Worked as an Associate Software Engineer on a network stack porting - fNET Stack (Open Source), for a SoC. The target environment was a bare metal, OS-less, super-loop architecture with non-blocking I/O.
    i)   Language: C
    ii) Duration: 6 Months (July-2014 to Dec-2015)

7) Worked as a Trainee Engineer on DHCP Server (both IPv4 and IPv6) setup, configuration and maintenance. (Period: 6 Months)
    i)   Language: Linux desktop applications (*isc-dhcp-server*)
    ii) Duration: 6 Months (Nov-2014 to June-2015)

CERTIFICATION

- OMG Certified UML Professional 2 Foundation level Certification.
  This is to certify Knowledge and skills in the use of UML 2.5 (or 2.5x) in software modelling.
  URL: http://www.omg.org/cgi-bin/certdetails.cgi?file=665436-uml-ocup2-foundation.jpg

ACADEMICS

M S Ramaiah Institute of Technology, Bengaluru, India (B.E)
Computer Science and Engineering
Year of Passing: 2014
CGPA: 9.0

M N Technical Institute/ DTE, Bengaluru, India (Diploma)
Computer Science
Year of Passing: 2011
Percentage: 78.96

Sri Vidya Kendra Bengaluru, India (SSLC)
State Syllabus
Year of Passing: 2008
Percentage: 72.64

TECHNICAL SKILLS

- Languages: C, Embedded C, C++, Python (novice), MATLAB (novice).

- Cloud: REST API, spring boot framework (Moderate), MQTT Client and Server (novice).

- Moderate knowledge of Linux platforms system administration and maintenance.

- Development Platforms: Eclipse, Source Insight, Android Studio, Code::Blocks, MATLAB, Spring Tool Suite (STS).

- Mobile Technologies: Android(novice)

- Web Technologies (novice) : HTML, CSS, PHP, Perl

- Operating Systems: Windows: Windows 7, Windows 8 and Windows 10.

- Linux: Ubuntu (and derivatives).

I declare that the above information is true and correct to the best of my knowledge and belief.

Bengaluru   Suman Chandrappa