Mani Kumar

A versatile coder, pragmatic thinker and a humorous writer.

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INTRODUCTION

Hello, I am a **Martian** who crash landed on a big blue ball from space while I was on a mission to find the life of the Extraterrestrials. Life here on planet Earth is beautiful but my time is limited so let me walk you through my timeline in reverse chronological order.

EXPERIENCE

Toshiba, Bengaluru - Software Engineer
December 2016 - Present

Working in the device layer of Multi-Functional Peripheral (MFP) to develop and maintain software engine modules that handles the machine independant workflows in the MFP.

Some of my most recent contributions include:
1. ***MFP usage monitor counters,*** a set of counters in the mfp to monitor how the machine is used per user to understand which functions are important and more used. This feature helps in market research for the MFP.
2. ***Custom Size Scan***, a feature in MFP to support the scanning of non-standard paper size i.e. identity card. It helps the clients in reducing the storage space and transmission time.
3. ***Zone OCR,*** A paid feature in MFP to perform the Optical Character Recognition (OCR) on selected areas only. It improves the speed and accuracy of the OCR data. Hence reduces the cost to the client.
4. Helped *implement* and *maintain* features for PDF file, encode-decode image file formats like JPEG, MMR, PNG.

TAS, Bengaluru - Trainee Engineer
July 2016 - December 2016

1. Implemented ***PDF extractor tool for Outlook desktop*** email application using C# and .NET technologies.
2. Helped build ***Qt Application*** to browse through the company resources.

SKILLS

1. Primary skills: C++, C, Linux, Make, CMake, IPC, Bash, Python.
2. Frameworks: Google Tests, Abbyy Embedded OCR, libjpeg, OpenCV.
3. Tools: GCC, G++, GDB, Valgrind, Git, Vim, Eclipse CDT, VS Code.
4. Web Dev: Jekyll, SASS, Bootstrap, NodeJs.

BLOGGING

Coding is my bread and butter I enjoy it but **writing** is another **creative activity** that I like to do since I need to document my journey here and transmit it to my superiors on planet **Mars**.

So, I have written articles on **technical** and **general** topics on the web.

Technical articles (Advanced C++ coding):
1. How to train your dragon to classify n-different features in m-different classes using OpenCV in C++?
2. Design Stage in C++ project development

General topics for working professionals:
1. Selling yourself or Presenting yourself?
2. Factors to consider when charging for content writing gig.

And that was awesome they said.

EDUCATION

1. University [2012-2016]: Bachelor of Engineering (BE), Electronics and Communications Engineering, BMS College of Engineering.
2. College [2010-2012]: Physics, Chemistry, Mathematics and Computer Science, National College Basavanagudi, Bengaluru.
3. High School [2010]: ICSE, Lowry Memorial High School.

APPENDIX

I am just looking for my next adventure with the earthlings. Would you help me? Or would you report me to the Men In Black?

*** This resume is indented for both coding and content writing jobs. Feel free to contact on my personal email provided at the top right cell for work samples and contact information. ***