Kalinga Bhusan Ray

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DOB: 2nd June 1983

Indian | Married

Adugodi, Bangalore, India, PIN: 560030

CAREER OBJECTIVE

To pursue a Master's Degree in the field of applied Computer science such as Data Analysis, Data science, which would enhance my existing skills, give me practical exposure of utilizing the theoretical concepts taught during Undergraduate course (as well as self taught in the recent past) in a real time environment. And hone my professional skills that I have gained while working as Software engineer in IT industry for last 10 years. Also want to spent some more time learning and living in German society as my last 1.5yrs of stay in Hildesheim, Germany was great and enriching in terms of personal and professional life.

Technical Domain:

- Object Oriented application and framework development using C, C++
- Domain Specific Language (DSL) development using Core Java, Xtend/Xtext
- Integration Test framework development using Python
- HMI Application development for Linux, Symbian, MeeGo devices
- Sound knowledge of HTML, CSS, XML, Java Script
- Git, ClearCase, Subversion,Eclipse, Carbide, CodeWarior etc..
- Make, CMake, Boost Library
- TDD, Unit testing (JUnit, Google Test), Integration Testing
- Agile methodologies, Scrum, Planning & Estimation, CI(Jenkins)
- Disigning using UML, Enterprise Architect
- Working knowledge of Android, Shell script, Perl, Data Analysis and Machine Learning

Functional Domain:

- Car Multimedia Application development
- Service framework development (Using DSL)
- Interface Test Automation
- Media Player and Media Gallery
- Webkit based web browser

Key Responsibilities:

- Participation in the Sprint Planning (Agile) and Review
- Design (using UML) and Design review
- Coding(C, C++, Java, Python/Linux), code review, unit testing and documentation.
- Test Plan and Test Automation

EXPERIENCE:

Specialist-Car Multimedia

Robert Bosch Engineering and Business Solutions, Bangalore	**Dec'11-Present**

Senior Software Engineer-R&D (Adaptxt)

Keypoint technology, Hyd	**Mar'10-Dec'11**

Senior Software Engineer (Azingo Browser)

Azingo Soft Systems India PVT LTD, Hyd	**May'09-Mar'10**

Software Engineer- (Sasken Media Player)

Sasken Communication Technologies, Bangalore	**Dec'06-May'09**

MIS executive

iSeva,E4E Pvt ltd,Bangalore	**Apr'06-Dec'06**

PROJECTS:

Recent Projects

- Test Automation framework development using python,xsd, JSON etc..
- Next generation service framework development (using Xtext and Xtend DSL development)
- Java plug-in development: C++ code generation for service specific Stub and Proxy component (Code generation for DBus introspection xml) Automatic generation of C++ adapter felicitating Interface test of the services running in the target
- QT/QML based HMI and application development: HMI application displaying Navigation data, GPS data and CAN data Home screen development for Infotainment Head Unit

Old Projects

- Webkit based browser UI and view development using gtk+
- Media Player and Media Gallery application development using S60 and UIQ symbian-UI framework

CERTIFICATION:

ISTQB Foundation Certification Examination

ISTQB	**Certificate Id: Reg# 110964**	**21st Mar' 2017**

Python Certification Training

Edureka	**Certificate Id: AYMLVT4A**	**Dec'16-Feb'17**

Symbian C++

Cranes Varsity, Cranes Software International Limited	**Mar'07-May'07**

Symbian OS Essentials

Cranes Varsity, Cranes Software International Limited	**Jan'07-Mar'07**

Embedded Systems Design

Kiona software, Bangalore	**Dec'05-Apr'06**

EDUCATION:

**ABIT Cuttack, Odisha	BE Computer Science and Engineering with 71%**	**2001-2005**
**Council of Higher Secondary Education, Orissa	Higher Secondary Examination Certificate with 65%**	**1998-2000**
**Board of secondary Education, Orissa	High school Certificate Examination with 78%**	**1997-1998**

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.