

Kalinga Bhusan Ray
Bergrat Mahr Strasse 10
98693, Ilmenau
Germany

Dt. 26 Apr 19

Dear Hiring Manager,

I found you are in search for a dynamic and highly motivated Software Engineer for your company. With a Bachelor's degree in Computer Science and decade long hands-on experience using programming languages such as C, C++, Java, Python on Linux platform to create and implement highly sophisticated software applications for embedded devices such as handheld devices and head units mounted in car dashboard; i found a new interest in the area of web, data analytics, machine learning and wish to broaden my area of expertise. Currently i am pursuing "Research in Computer & Systems Engineering (RCSE)"; a Masters programme at TU, Ilmenau, Germany. I am confident that I can step in and make immediate contribution to the project and valuable contribution to Organisation's continued success and hone my skill as well.

I enjoy being challenged and working on projects that require me to work outside my comfort and knowledge set, as continuing to learn new languages and development techniques are important to me, and I consider myself a quick learner. In addition, I consider myself a flexible, always wanted to take responsibility, take ownership of core components.

Few of my skills that I would like to highlight here, that enable me to contribute to the success of the project

- Complete understanding of SDLC (Software development life cycle)
- Highly skilled in designing, testing, and developing software for resource constraint systems
- Thorough understanding of Object Oriented Programming, data structures and algorithms
- Knowledgeable of agile development, best practices, clean code approach
- Hands-on software debugging experience
- Proper documentation, maintainable software development, eagle eye for quality

I've attached a copy of my resume that details my projects and experience in software development. Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Mit freundlichen Grüßen / Best regards,

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Experienced Software Engineer

Software engineer with decade long experience in IT industry, specializing in application software development on Linux. For past couple of years more focused towards various aspects of Data, such as Data collection, cleansing, ETL and Data Analysis and Machine Learning and have ambition towards knowing and taking complete responsibility such as Fullstack developer. In past i have lived and worked for Robert Bosch Car Multimedia GmbH, Hildesheim and would like to work some more years in Germany. Possess strong motivation towards learning German language and currently learning B2 and living in Ilmenau, Germany and pursuing Masters in Research in Computer System and Engineering (RCSE, 4th Semester) in TU Ilmenau.

Technical Domain:

- Object Oriented application and framework development using C, C++
- Domain Specific Language (DSL) development using Core Java, Xtend/Xtext
- Integration Test framework and test cases development using Python
- HMI Application development for Linux, Symbian, MeeGo devices using QT, QML, gtk, UIQ, S60
- TDD, Unit testing (JUnit, Google Test), Integration Testing
- Agile methodologies, Scrum, Planning & Estimation, CI(Jenkins)
- Sound knowledge of Android, PHP,HTML, CSS, XML, Java Script
- Git, ClearCase, Subversion,Eclipse, Carbide, CodeWarrior etc..
- Make, CMake, Boost Library

Functional Domain:

- Data collection, cleansing and ETL using SQL, python, Actian Vector
- Data analysis using Hadoop, Spark, scala and Python
- Support function for Database engine
- Car Multimedia Application development
- Service framework development (Using DSL)
- Media Player, 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, PHP/Linux), code review, unit testing and documentation.
- Responsible for feature development of various product.
- Test Plan and Test Automation

EXPERIENCE:

Working Student and Internship

Actian Germany GmbH, Ilmenau

Dec'17-Mar'19

Specialist-Car Multimedia

Robert Bosch Engineering and Business Solutions, Bangalore

Dec'11-Sep'17

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

- Trend analysis of Actian product performance with different Benchmarking suite
- Introduction of 'filtebystats' operator to pipefabric: a stream engine at TU Ilmenau
- Solving DataLake problem using VectorH (Actian product on Hadoop)
- Analysis of GDELT data using Apache Spark

- TF-IDF analysis of wikipedia data (given stop word data) and clustering
- Analysis of Geo-spatial data using GDELT and OpenStreetMap.org dataset using STARK framework

Old Projects

- Next generation service framework development (using Xtext and Xtend DSL development)
- Test Automation framework development using python,xsd, JSON etc..
- 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 facilitating Interface test of the services running in the target
- QT/QML based HMI and application development
- Webkit based browser UI and view development using gtk+
- Media Player and Media Gallery application development using S60 and UIQ symbian-UI framework

CERTIFICATION:

Prüfung Goethe-Zertifikat B1

Goethe-Instituts, Bangalore	Certificate Id: PTN# 32934	8th Aug' 2017
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ISTQB Foundation Certification Examination

ISTQB	Certificate Id: Reg# 110964	21st Mar' 2017
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Python Certification Training

Edureka	Certificate Id: AYMLVT4A	Dec'16-Feb'17
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Symbian OS Essentials & Symbian C++

Cranes Varsity, Cranes Software International Limited		Jan'07-May'07
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Embedded Systems Design

Kiona software, Bangalore		Dec'05-Apr'06
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EDUCATION:

TU Ilmenau, Germany 4th Sem, Master Research in Computer System and Engineering		2017-Continue
ABIT Cuttack, Odisha BE Computer Science and Engineering		2001-2005
Council of Higher Secondary Education, Orissa Higher Secondary Examination Certificate		1998-2000
Board of secondary Education, Orissa High school Certificate Examination		1997-1998

DECLARATION

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