AKARSH SEGGEMU

Master Candidate in Geodesy and Geoinformation Science
Technische Universität Berlin at Berlin
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EDUCATION

Technische Universität Berlin at Berlin **2013 - present**
M.Sc. in Geodesy and Geoinformation Science, expected March 2017

Jawaharlal Nehru Technological University Hyderabad at Hyderabad **2008 – 2012**
B.Tech. in Computer Science & Engineering

CERTIFICATIONS

Certification in Web Component Development using Java Technologies 2011
The Academic Council of NIIT (National Institute of Information Technology)

Certification in Windows Phone 7 Application Development 2011
CR BI Consulting India Pvt Ltd

Certification in Adobe Flex 2011
Adobe Systems India Pvt. Ltd.

Certification in C & C++ 2008
CMC Limited

HONORS AND AWARDS

Golden Ticket Pass winner for Apps World Germany 2015
BeMyApp

Developer, and, Publisher for Windows 8 Application 2012
Microsoft Corporation

Programmer in Visual Studio 2012 2012
Microsoft Corporation

Prototype designer of Windows Phone Application 2012
Microsoft Corporation

Developer, and, Publisher for Windows Phone Application 2011
Nokia Corporation & Microsoft Corporation

PROFESSIONAL EXPERIENCE

Solution Engineering, App and Games – Werkstudent May 2015 – present
Fyber GmbH Berlin, Germany
Supported in integration, optimization of mobile advertising products to customer's mobile application requirements, investigated irregularities, malfunctions & issues related to mobile advertising products, produced functional projects for integrating mobile advertising products in Unity 3D, Android, iOS, tracked customer issues by using JIRA, documented the project workflow in internal wiki

Quality Assurance – Werkstudent   March 2015 – April 2015
Wkda GmbH   Berlin, Germany
  Actively tested software features using both manual & automated user test cases, reported test results & errors directly to the product manager, tested web applications in PHP, Java, NodeJS, assisted in preparation of test plans, improved & maintained quality of workflow and procedures of product quality assurance, tracked daily issues using JIRA

Data/Data Maintenance Engineer – Werkstudent   December 2014 – March 2015
Pricepanda Group GmbH   Berlin, Germany
  Built wrappers for online-shops based in APAC zone market (i.e., Philippines, Indonesia, and, Singapore), managed database tables & updated tables with the new crawled data from online-shops on daily basis, documented project workflow in internal wiki documentation, tracked internal issues using JIRA

JAVA programmer   May 2014 – August 2014
Deutsches Zentrum für Luft-und Raumfahrt (DLR)   Berlin, Germany
  Created maps of Berlin with geodatabase using GIS tools (i.e., PostGIS, OpenJump), maintained simulation programming scripts, documented project workflow in internal wiki portal of DLR

Software Development Engineer   February 2013 – June 2013
Viatecla-Soluções Informáticas e Comunicações SA   Almada, Portugal
  Created a functional windows phone 7.5 application for flight search, scheduling & ticket booking, documented the tests & implemented internal projects implemented HTML5 & Flash in Microsoft word, created a C# application to parse & create a Microsoft excel file containing logs of SQL database tables of a magazine application in iOS & Windows 8, created a android application to implement Google Cloud Messaging Service (GCMS).

Research & Development Engineer   May 2012- Feburary 2013
Edukinect Software Services India Pvt Ltd   Hyderabad, India
  Created a functional application on windows 8 using metro user interface (UI), trained several students on windows 8 application development

Software Development Engineer Trainee   Feburary 2012 – April 2012
Ray Business Technologies Pvt Ltd   Hyderabad, India
  Created a functional windows phone 7.5 application for integration of Microsoft Dynamics CRM, documented implementation of CRM in MS word

Intern   September 2011 – January 2012
Edukinect Software Services India Pvt Ltd   Hyderabad, India
  Created several functional applications in windows phone 7 & 7.5

LANGUAGE SKILLS

Proficient English & Telugu, Intermediate German & Hindi, Basic Sanskrit

TECHNICAL SKILLS

Adobe systems (AS):	*Dreamweaver, After Effects, Acrobat, Flash, Flex*
Application development:	*MS Windows Phone 7 & Windows 8, Android, iOS*
Content Management System:	*Joomla, WordPress*
Databases:	*MS SQL Server, Oracle 9i, IBM DB2, MySQL, PostgreSQL*
GIS:	*Esri ArcGIS, QGIS, OpenJump, PostGIS*
Image editing:	*GIMP, Paint.NET, AS Illustrator & Photoshop*
IDE:	*Eclipse, MS Visual Studio, Xcode, IntelliJ IDEA, Android Studio, NetBeans*
Operating Systems:	*MS Windows, Mac OS X, Linux (i.e., Ubuntu, KUbuntu, openSUSE)*

Office suite:	*MS Office, Open Office*
Project Management:	*MS Project, Visio*
Programming & Script Languages:	*C, C++, C#, SQL, .NET, Java, NodeJS, XAML, XML, R, Matlab, JavaScript, PHP, JQuery, HTML, CSS, SVG*
UML tools:	*Rational Rose, Enterprise Architect*
Version control:	*Git, SVN, MS TFS*

PUBLICATIONS

Paper in Yuva Engineers on 1st May 2010 on "*Speech Processing, Speech Synthesis & Speech Recognition*".

Student editor of College Magazine "*INTERFACE*" at BVRIT in 2011 for Quarter 3

PRESENTATIONS

"*Building Connected Windows 8 Apps with Windows Azure*" representative presenter for Microsoft Corporation (India) Private Limited on behalf of Edukinect Software Services India Pvt Ltd for Microsoft TECH ED DAYS INDIA 2013 at Vijayawada on 28th January 2013 at LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

Paper presentation event at Conscientia 2009 on "*A Software-Driven Whole-Farm Management Information System*" held at BVRIT on 23rd October 2009.

Paper presentation event at Promethean 2010 on "*A Software-Driven Whole-Farm Management Information System*" held at BVRIT on 18th March 2010.

WORKSHOPS

Trainer for weeklong workshops on Windows 8 Application Development organized by Edukinect Software Services India Pvt Ltd.

Lakireddy Balireddy College of Engineering, Mylavaram	2012
Maharaja Sayajirao University of Baroda, Vadodara	2012
Maharaj Vijayaram Gajapathi Raj College of Engineering, Vizianagaram	2013

HACKATHONS

Participated in Smart Transportation & Energy Hackathon 2016, Berlin conducted by Startupbootcamp Smart Transportation & Energy on 1-3 July 2016.

Proctor for 24 hours Hackathon of Edvantage Yappon 2013, Kakinada conducted by Edukinect Software Services India Pvt Ltd on 2 Febuary 2013.

Participated in *24 hours Hackathon* of AppFest 2012, Hyderabad conducted by Internet And Mobile Association of India (IAMAI) on 13-15 December 2012.

Proctor for 24 hours Hackathon of Microsoft Wowzapp – Appfest for Windows 8 at Lakireddy Balireddy College of Engineering, Mylavaram on 9-10 November 2012.

CONFERENCES

Where Camp Berlin 2014 on 15 November 2014, Berlin conducted by Beuth University of Applied Science Berlin.

INTERGEO 2014 (Conference and Trade Fair for Geodesy and Geoinformation and Land Management) on 8 – 9 October 2014, Berlin conducted by HINTE GmbH.

2nd FIG Young Surveyors European Meeting on 7 October 2014, Berlin conducted by FIG Young Surveyors Network and KONGEOS (Conference of Geodetic Students).

Windows Phone Camp on 28 January 2012 at ITC Kakatiya, Hyderabad conducted by yourstory.in.

Microsoft Developer Conference 2011 also known as "DevCon2011" conducted by Microsoft Users Group of Hyderabad on 16 September 2011 at Microsoft Corporation (India) Campus, Hyderabad.

PROFESSIONAL AFFILIATIONS

Deutsche Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation (DGPF) e.V., Student member   only in 2015

DVW e.V. - Gesellschaft für Geodäsie, Geoinformation und Landmanagement, Student member   only in 2015

REFERENCES

Col Dr.T.S.Surendra

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Padmasri Dr.B.V.Raju Institute of Technology
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