

PERSONAL INFORMATION

Venkat Raman Pandey



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Sex Male | Date of birth 29 Jun 1989

PERSONAL STATEMENT

An Experienced Software Developer looking for new adventures in Data Science World.

WORK EXPERIENCE

April 2016–Present

PHP Developer

ICE International Copyright Enterprise GmbH, Berlin (Germany)

- Contribute to all aspects if the software life cycle from analysis, design, development, build and test to release, maintenance and support.
- Software development in PHP and JavaScript languages.
- Promote code for User Acceptance Test and support testing efforts.
- Document detailed designs, modules and source code.
- Collaborate and communicate with all stakeholders on design, development and testing.
- Drive for excellence in adhering to processes, meeting technical standards and continuously improving best practices.

Aug 2015 – Feb 2016

Master Thesis Work

Siemens Healthcare GmbH, Erlangen (Germany)

Thesis topic: Extraction of Relevant Clinical Data for Radiological Diagnosis based on FHIR

- Integrating data from multiple sources and filter out meaningful data based on user requirement.
- FHIR: To integrate data from multiple/unknown sources.
- IDEA: To filter/extract out meaningful data from the data provided by FHIR.
- Domain Modelling, Data Extraction, XML, Ontology, NLP, Semantic Searching, .NET C#

May 2015 - Aug 2015

Work Student - Data Mining

Siemens AG (Healthcare Sector), Erlangen (Germany)

- Creation of a Data Mining Concept in the field of Radiological Reporting.
- Development of prototype of Data miner using R to enable Correlations, Clustering, Modelling and further Evaluation of and Radiological data.
- R, Data Visualization, Data Transformation, ETL, MySQL, Hadoop

Dec 2014 – May 2015

Work Student -Web App Development

Siemens AG (Healthcare Sector), Erlangen (Germany)

- The evaluation and development of software prototypes in the field of radiology report generation.
- Development of prototype web application for handling Radiology report templates.
- PHP, MySQL, XSLT, XML.

Other Projects - Academic

- A rich web portal Application using Silverlight technology
- Scheduler App for Windows Phone 8 (Prototype version)
- Database Application using MongoDB

EDUCATION AND TRAINING

1 Oct 2013–26 Feb 2016

MSc. Applied Computer Science

SRH University of Applied Science, Heidelberg (Germany)

- Information Systems(NoSQL)
- Development of Multimedia Systems (.NET C#, Silverlight, WPF)
- SAP ABAP
- Software Architecture & Development (.NET C#, WP 8)
- Advanced Computer Science
- Designing the Virtual World
- International Project Management

1 Oct 2007–30 Jun 2013

Bachelor of Engineering

SRS Institute of Technology, Bangalore (India)

- Data Structure
- C#, PHP
- Computer Networks, DBMS
- Algorithm Design, Software Architecture and Software Testing

PERSONAL SKILLS

Mother tongue(s) Hindi, English

Other language(s)

German

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A2	A2	A2	A2	A2
Österreichisches Sprachdiplom Deutsch (ÖSD) A1				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good Communication Skill in English (verbal & written), Deutsch (A2)
- Self-Motivated, Ability to solve problem creatively
- Determined to learn with practical approach and
- Enthusiastic and can produce results under deadline constraints.

Organisational / managerial skills

- Good coordination in working in groups.
- Project organisational skills.
- Planning skills.

Job-related skills

- OS/Software Skills: - MS Windows, MAC OS X, Linux
- .NET C#, MS SQL, NoSQL (MongoDB), Triple Store, XML
- LINQ, Entity Framework, WPF, ASP.Net, WP8
- Domain Modelling, Data Extraction, Data Visualization
- R, Data Analysis, Data Transformation, ETL, Hadoop
- Natural Language Processing, Ontology, Semantic Searching
- Web Programming - HTML5, CSS, PHP, JavaScript
- Version Control (Git, TFS, SVN)
- Software Architectural Pattern: - MVC, MVVM
- Networking Skills: - Routing and Switching, CISCO IOS
- Knowledge of Office suite (Word, Excel, PowerPoint),
- Basic Troubleshooting, Computer Hardware Knowledge/Skills.