Curriculum Vitae

Ashwin Kishor Patthi

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Objective

To work in a challenging and motivating environment while pursuing my graduate studies in field of computer science.

Professional Summary

- Senior Software Engineer with 3 years of experience with Persistent Systems Limited from May 2010 till date.
- Proficient in Application Development with Web Technologies, Distributed Technologies, Client-Server and Architecture environment. Industry knowledge has been acquired in Life Sciences and Health Care Domain.
- Expertise in Graphical User Interface development in Vaadin framework, Swings, Java FX and writing Business Layer APIs.
- Excellent analytical, programming skills and ability to work in a team environment.

Skills Summary

Skills Group	Skills
Primary Skills	C, C++, Java, Java FX, Hibernate, Webservices RESTFUL
UI Frameworks	Vaadin, Swings
Web Technologies	HTML, CSS, JSP, Spring MVC, Jquery, Apace Runtime Modules, MySql, PostgreS
Management Tools	HPQC, Team Track, JIRA
Operating Systems	Windows Family, Linux, AIX

Scholastic

Year of Completion	Degree/Certificate	Institute/ School, City	Aggregate/CGPA
2010	Bachelor of Technology (B. Tech) Major: Computer Science and Engineering	Government College of Engineering, Amravati	7.99/10

2006	Higher Secondary Education Major: Mathematics-Physics-Chemistry-Computer Science	Guru Nanak College of Science, Ballarpur	89.67%
2004	Secondary Education Board: A.I.S.S.E (C.B.S.E)	Mont Fort Higher Secondary School, Ballarpur	81.5%

Academic Projects

Project Title: Virtual Stock Market

Role: Developer

Duration: December 2009 to April 2010

Description:

VSM is a real time Virtual trading web application that uses optimised algorithms for various "Buy" or "Sell" transaction. When user creates a fresh account he is credited with 1 Million points. This can be used as bucks to trade in market. This application can be used by organizations to organize a competition where the user with highest Net worth of his account at the end of competition will be a winner. Other features include User ranking, open chat, friend requests, portfolio management, graphs to valuate performance. Stock rates are updated from yahoo web site. Triggers are maintained to synchronize the application's database with the current market values by fetching the stock rates from yahoo APIs.

Technologies   HTML, JSP, MS SQL, Java, Eclipse, Apache Tomcat
& Software:

Professional Experience

Project Title #1:   Ion Reporter™

Role: Developer

Duration: May 2011 – July 2013

Description:

Ion Reporter™ Software comprises a suite of bioinformatics tools that streamline and simplify analysis, annotation, and archiving of Ion semiconductor sequencing data. Designed specifically for researchers performing routine sequencing assays, Ion
Reporter™ Software helps you overcome the bioinformatics barriers and interpret DNA variants

faster and more consistently.

Technologies & Software:	Java, Vaadin UI Framework, Hibernate, Webservices REST, Spring MVC Framework, Junit, iText Library, HTML, CSS, MongoDB, MySQL, Eclipse
Responsibility:	To implement design, Develop the source code and participate in support activities in line with the architecture requirements. Designed and developed the Reporting Engine. Ownership of complete reporting module from Architecture to Design and Development. Ownership of PDF generation for various reports in application using iText library.

Project Title #2:	Lifescope 2.0
Role:	Developer
Duration:	May 2010 - May 2011 (12 Months)

Description:

Genomic Analysis Software, a desktop application for analyzing data from genomic sequencing instruments to study human disease such as cancer. It offers an intuitive user interface that simplifies data analysis for life scientists, and bio-informaticians who want the flexibility of customizable configuration options

Technology & Software:	Java, Java FX, Swings, Net Beans
Responsibility:	Designed and developed XML rule parsing for rendering components based on property values in XML. Designed custom UI components using Swings and Java FX. Writing Bunisess Layer APIs.

Achievements

- Received "You Made a Difference" award which is a Q-o-Q rewards and recognition part in each Business Unit.
- Received an award 2nd "Best Idea" which was based on Data Migration between different databases.
- 1st Prize in C programming at National Level Technical Festival held at Govt. College of Engineering Amravati.
- 3 times Team Achievement Award and 1 time Customer Delight award.

Hobbies

Solving Sudoku puzzles, listening to music and cooking.