

Sike Huang

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NATIONALITY	Chinese	
DATE OF BIRTH	1985-04-14	
GENDER	Male	
SUMMARY	4 years professional experience with software development among desktop, web and mobile. Comprehensive knowledge in telecommunications, software engineering and electronics.	
EDUCATION	Royal Institute of Technology / Kungliga Tekniska Högskolan (KTH), Stockholm, Sweden Master of Science, Software Engineering of Distributed Systems September 2007 - May 2009 Vaasa University of Applied Sciences / Vaasan ammattikorkeakoulu (VAMK), Vaasa, Finland Bachelor of Engineering in Information Technology, Major: Software Engineering Minor: Telecommunication Engineering September 2003 - May 2008	
WORKING EXPERIENCE	alaTest International Consumer Services Sweden AB, Sweden <i>System Developer</i> September 2010 to Present alaTest.com - a global leader in collecting, analysing and distributing expert and user product reviews. <ul style="list-style-type: none">• Develop and maintain back-end feed for product specifications. <i>Java, Google Guice, Bash, Python, SQLAlchemy, MySQL SP</i>• Adopt messaging infrastructure to decouple individual program components and shorten data leadtime. <i>AMQP, RabbitMQ</i>• Develop and maintain alaTest API to enable B2B intergration with partners. <i>REST, Pylons, Apache Solr</i>• The job focuses on data warehousing (ETL process), database tuning, scalable and high availability system design. Unique Cinema Systems, Norway <i>Java Developer</i> April 2009 to Aug 2010 Advertising Accord - an advanced back office system for screen advertising <ul style="list-style-type: none">• Combined existing cinema digital advertising distribution functionality with 35mm distribution. <i>Java Web Start, Swing, JGoodies, Servlets, Apache Hivemind</i>	

- Integrated existing CRM with Novell GroupWise and Microsoft Exchange.
JAX-PRC, Java Exchange Connector
- Refactored legacy system by introducing Spring and Apache Maven, adopted test-driven development and continuous integration.
JUnit, Hudson, Spring ORM, Spring Web MVC

Cinema Accord - a digital screen estate administration system for exhibitor

- Developed in-house modeling tool and code generator.
ANTLR, StringTemplate, DBDesinger, Java SE
- Implemented client and server side of the system.
Flex, Flexmojos, Cinnamon, Spring, Hibernate, Google Collections

RosettaBridge - a theatre management system

- Developed an integration service with Cinema Accord to exchange feature show and trailer booking information.
JAX-WS, JMS
- Integrated screen control and content ingest with digital cinema server from GDC Technology.
Java socket programming, XML/XSD

Ericsson Research, Sweden

Intern, Research Engineer

Jun 2008 to March 2009

Mobile Telemedicine System - telemedicine system based on IMS/SIP platform and mobiles

- Designed and implemented the system.
Ericsson MJCF, JME, JSF, Spring, Hibernate
- Participated in internal and external demonstration of m-Health business and technology strategy.
clinical trial in Karolinska University Hospital

Wapice, Finland

Software Engineer

May 2006 to Jun 2007

AFL Data Tool - a system made for ABB to exchange and edit machine configuration files

- Took the most responsibilities in design and implementation.
C#, WebServices

Wapice Summum - an effective sales suite configurator

- Designed 3D user interface prototype.
Adobe Shockwave
- Upgraded the order and offer reporting model.
Java Swing

FinnQuest, Finland

Web Designer

April 2005 to May 2005

MTM Vaasa - <http://www.mtm-rakennus.fi/>

- Designed the front-end page.
Adobe Dreamweaver, Adobe Photoshop

OPENSOURCE PROJECTS	<p>PhotoBox</p> <ul style="list-style-type: none"> • Description: Mobile application for sharing photos among the publics. • Solution/Tools: Eclipse MTJ, LWUIT, MMAPAPI, WMA, SpringWeb MVC, WURFL, WAP Push, JavaComm API, Flash Lite. • Homepage: http://code.google.com/p/photobox-2009/
ACADEMIC PROJECTS	<p>Flight Ticket Reservation based on Web Service and BPEL</p> <ul style="list-style-type: none"> • Solution/Tools: NetBeans, Metro@GlassFish, WS-AT/WS-Coor, EJB/JPA, BPEL <p>EShop - online book store</p> <ul style="list-style-type: none"> • Solution/Tools: Eclipse, Struts, JDBC, MySQL, JBoss <p>SIPSpeaker - SIP answering agent</p> <ul style="list-style-type: none"> • Solution/Tools: IntelliJ IDEA, Wireshark, Java, SIP/SDP, RTP(JMF), FreeTTS <p>iAd - resource management system for advertising firms</p> <ul style="list-style-type: none"> • Solution/Tools: IntelliJ IDEA, XP, TDD, RoR <p>RUDP - a sliding window protocol for reliable transmission of UDP packets</p> <ul style="list-style-type: none"> • Solution/Tools: Eclipse CDT, Linux, C, Socket programming <p>Implementation of various Distributed algorithms - leader election, consensus, distributed search, spanning tree generation, mutual exclusion, and resource allocation</p> <ul style="list-style-type: none"> • Solution/Tools: SicsSim, TBN, Java event-based programming <p>ScheduleIt - extendable Eclipse RCP application for schedule management</p> <ul style="list-style-type: none"> • Solution/Tools: Eclipse RCP framework, Hibernate
CHARACTERISTICS	<p>Self discipline Team spirit Creative thinking Dedication to work Enthusiasm in learning</p>
LANGUAGE ABILITIES	<p>Native Chinese Excellent verbal and written skills in English (IELTS 6.5) Basic Swedish/Finnish</p>
KNOWLEDGE DOMAIN	<p>Distributed Systems (P2P, Grid/Cloud Computing, CDN) Telecom (GSM, GPRS, UMTS, CDMA, WCDMA, VoIP, SIP, IMS) Network Security (PKI, SSL, Cryptography) OSI Model and Computer Network Protocol Electronics (IC, CAD, DSP)</p>
TECHNICAL SKILLS	<p>7 Years of Java Programming Experience: Expert at JEE (JSP, JavaBeans, Servlets, EJB3, JDBC, RMI/COBRA, JMS), JSE, JME</p>

Database:

MySQL, Oracle (PL/SQL), Microsoft SQL Server

App Server:

Apache Tomcat, Jetty, JBoss, Glassfish

Java OpenSource Framework:

Spring, Hibernate, JSF, Struts, Equinox/OSGi

SOA and Web Services:

SOAP, WSDL, UDDI, BPEL, Apache CXF, RESTful Web Services

Web Development:

XHTML, XHTML MP, HTML, CSS, Javascript, JSON, JQuery, AJAX, XML

Concept and Methodology:

Object-oriented Programming, UML, Design Patterns

Agile Software Development(Extreme Programming, Scrum)

Build/Version Control:

Apache ANT, Maven, Subversion, Mercurial, Hudson, Trac

Development Tool:

Eclipse, IntelliJ IDEA, NetBeans, MS Visual Studio

Other Programming Experience:

Python, Ruby on Rails, C#, C/C++, PHP, Erlang

Other Tool:

MATLAB, AutoCAD, PSpice, Adobe Photoshop

Documentation Tool:

L^AT_EX, Microsoft Office, Open Office

Operating Systems:

Windows, Linux, Mac OS

REFERENCES

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