Ilsoo Kim

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PROFESSIONAL EXPERIENCE

Software Developer at 3D Access Inc, Fremont, CA. Jun 2020 – Apr 2021

- Lead technical architecture discussion, estimation and planning to help drive technical decisions within the team for new ERP system.
- Organize/design sustainable software systems and components to track KIPs during the project lifecycle.
- Develop a new ERP system for semiconductor industries (ASP.NET, MSSQL, Ajax, GraphQL, Apollo) to improve productivity, customer satisfaction, and quality control.
- Facilitate sprint planning, daily scrums, retrospectives, stakeholder meetings, and software demonstrations to meet ROI.

Technical Team Manager / Software Engineer at MOCOMSYS Inc. Seoul, Korea, Apr 2015 – Oct 2017

- Created proposals, Proof of Concept(PoC) and Benchmarking Test(BMT) to test the performance and scalability of the system for the success of winning government contracts for gaining net new clients. Granted employee stock options
- Produced specifications and determined operational feasibility by identifying team goals and evaluating team progress. Increased revenue by 10 percent per year during the three business years.
- Improved operations and conducted system analysis by recommending solutions and summarizing service issues. Reduced client's complaints by 30 percent as compared with the prior year during the three business years.
- Nurtured individual engineering staff and team development to successfully retain software maintenance contract renewal across 60 local companies.

Software Engineer / Software Developer at MOCOMSYS Inc. Seoul, Korea, Jan 2009 – Apr 2015

- Developed Enterprise Application Integration(EAI) solutions (Java) and integrated software with existing systems.
- Developed adapters on the EAI system for communication with different systems (Adapters for diverse applications; SAP, Web Services, XML, DB, Files, FTP, Queue, etc).
- Designed/developed/executed large scale functional EAI Monitoring Solutions and System Monitoring Solutions (Java, Spring, Struts, Ibatis, Flex).
- Participated in diverse EAI projects and new systems projects (Samsung Electronics, Government agencies, Banks, etc).
- Designed/built/maintained JAVA API related to EAI Solutions and provided it to developers with technical supports.
- Delivered presentations and attended in-person meetings with clients to analyze, troubleshoot, and diagnose EAI Solutions.

Technical SKILLS: Full stack developer

Java, C, C++, C#, Python, Javascript, ASP.NET, PHP, Spring, Ibatis, Flex, Servlet, Framework, JSP, HTML, CSS, XML, JQuery, SOAP Web Service, Shell scripting, VBSCRIPT, Apollo, Graphql, Rest, Ajax, HTML, MySQL, SQL, JDBC, Oracle, Mongo DB, Amazon EC2, IBM MQ, IBM Message Broker, Tomcat, XML, Junit, JMS, REST Web Service, DB2, Mainframe, WAS, Project Management, Photoshop, Automation Test(Xcode, Appium), Unix/Linux/Windows server operation.

EDUCATION

Master's Degree in Software Engineering, Jan 2019 – Dec 2020

- San Jose State University, San Jose, CA, expected Dec 2020, GPA: 3.45/4.0
- Projects: Automation testing for AI Software, Developed Water Pollution Monitoring Software with Sensors and Amazon Cloud, Grape Disease and Bug Detection with Machine Learning, Developed Snake game using JAVA, Developed Starbucks Order Program using JAVA. Developed Secure Server Client program using C#. Stock Calculator with Visualization using Python.
- Graduate Project: Model-Based AI Testing and Automation – Suggest and develop an AI API and dashboard for AI automation testing.

- Research Paper: Automation Test for AI Voice Recognition App – Suggested an automation testing method for AI based iPhone app.
- Activity: Technical Associate Lead, Google Developer Student Club Jan 2020 – present

  Lead for Google Developer Student Club on campus, and grow technical knowledge on software developer products and platforms for non-engineering peers and student developers. Work with global network of student club members and initiate hands-on workshops and events on campus.

Master's Degree in Computer & Information Technology, Sep 2010 - Feb 2013

- Korea University, Seoul, South Korea, GPA: 4.23/4.5
- Completed project management training course to enhance the fundamental knowledge and skills for successfully planning, managing, and delivering technical projects of any size and scope.
- Thesis: Impacts of scope, schedule, cost caused by PMMM level under software projects

Bachelor's Degree in Internet Media, Mar 2003 - Feb 2009

- Gachon University, Gyeonggi-do, South Korea, GPA: 3.5/4.5
- Graduate Project: Developed Mobile Guitar Chords and Scales Finder Software.