KISHORE JAYANTHI

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PROFESSIONAL SUMMARY

Hard-working, motivated, and productive individual with a pleasing attitude:

- Almost 2 years of experience in software development includes Analysis, Design and Development of Web-based applications.
- Software professional with experience in all phases of Software Development Life Cycle (SDLC) from requirement gathering, analysis, conceptual design, detail design, development, system testing and performance testing using the Java/J2EE technologies.
- Strong experience in software development with a focus on Web Applications, System Integration.
- Good working knowledge on Object Oriented Principles (OOP's), Design & Development and have a good understanding of programming concepts like Data Abstraction, Polymorphism, Exception Handling, Synchronization, Concurrency and Collection Framework.
- Extensive experience in the design and development of multi-tier applications using Java, J2EE, Spring, XML, HTML5, CSS3, JavaScript, Ajax, jQuery, JUnit.
- Experienced in generating logging by Log4j to identify the errors in the production test environment and experienced in Ant, Maven.
- Extensive experience in the implementation of the version control software Git.
- Closely worked with Release Management Team in doing builds and deploying code into various environments like DEV/QA/SIT/UAT/Prod.
- Self-learning knowledge of Amazon AWS Cloud Platform with focus on EC2, S3 and Lambda services.
- Experience of various operating systems like Windows, UNIX and LINUX. Experienced in Shell Scripting and UNIX commands.
- Proficient in Core Java-Multi-threading, File I/O, Executor Framework.
- Hands on experience in several Java and J2EE design patterns such as Singleton, Factory.
- Hands on experience in REST & SOAP Web Services.
- Experience with client-side web technologies/frameworks such as HTML, CSS.
- Hands on experience in configuration and deployment of multi-tier applications using servers like Apache Tomcat and Oracle Application Server.
- Familiarity with development best practices such as code reviews, unit testing, system integration testing (SIT) and user acceptance testing (UAT).
- Proficient in using editors Eclipse, IntelliJ, Visual Studio Code, PyCharm, Py Scripter, Notepad++ and Sublime Text while developing different applications.
- Worked with SQL databases like Oracle DB and MySQL. Proficient in writing SQL queries.
- Experience in developing and deploying applications on cloud platforms like Amazon Web Services (AWS).
- Working Knowledge of JQuery JavaScript Framework.
- Good Knowledge of Agile Methodologies and SCRUM processes.
- Advanced to expert knowledge of technologies such as operating systems (Windows, VMware), LANs & WANs, and storage area networks
- Working knowledge, and ability to troubleshoot Networking, Replication, Performance and Space issues.
- Working knowledge on CIFS, NFS, FC, iSCSI, FCoE.
- Executed DHCP, DNS, IPAM configure on the servers to allocate.
- Expert level knowledge about OSI and TCP/IP models.
- Knowledge and hands-on experience on IP Addressing, Sub netting, VLSM and ARP, reverse and proxy ARP, Ping Concepts. Excellent knowledge in IP addressing on iPv4 and iPv6

EDUCATION

- **Master of Engineering-Computer Science Engineering (GPA: 3.90/4.00)**   **May 2019**
  University of Cincinnati, Cincinnati, Ohio, USA

- **Bachelor of Technology-Computer Science (GPA: 3.60/4.00)**   **May 2018**

  Jawaharlal Nehru Technological University (JNTU), Hyderabad, India.

CERTIFICATIONS

Information Security Auditor

Introduction, issues involved in ethical hacking, types of security attacks and mechanisms involved to counter those attacks.

- Details are listed in: https://www.hackerschool.in/course/ethical-hacking.html

Oracle Certifications

- Java SE7 Programming
- Web Component Development with Servlets and JSPs Java EE 6
- Oracle Database 11g: Introduction to SQL Release 2

TECHNICAL SKILLS

LANGUAGES/FRAMEWORKS:	C, Java, HTML/CSS, XML, JavaScript, Python
DESIGN METHODOLOGIES:	Waterfall, Test Driven, Agile, Scrum
IDE:	Eclipse, IntelliJ
DATABASES:	Oracle 11g, MySQL, SQL Lite, Postgre SQL
TOOLS:	Docker, PUTTY, Maven
APPLICATIONS:	Microsoft Office, VMware.
PLATFORMS:	Windows, Linux, Kali Linux.
AWS SERVICES:	IAM, EC2, S3, Lambda, SNS, SQS, API gateway.
SCM:	GIT, SVN
SERVER:	MS SQL, Tomcat 8.5

PROFESSIONAL EXPERIENCE

University of Cincinnati Information Technology Department   **Sept 2018- May2019**

Technical Support Engineer

- Patched software and installed new versions to eliminate security problems and protect data.
- Engaged end users and answered questions via email, phone and in forums.
- Removed and replaced malfunctioning components to correct hardware problems.
- Analyzed the type of issue to identify the troubleshooting method.
- Developed and tested new product offerings prior to release to assist development team in bug identification.

- Documented all transactions and support interactions in **UC Dynamix** for future reference and addition to knowledge base.
- Configured hardware, devices and software to set up workstations for professors.

UI Stitchers Pvt. Ltd   **July 2016 – December 2017**

Software Engineer Intern

Description:

UI Stichers is a firm which specializes in UI/UX development. Through research, testing and refinement, it connects business goals to end user's requirements by turning ideas into clean, beautiful designs with accessible experience.

Responsibilities:

- Designed and developed user interface using HTML5, CSS3, JavaScript.
- Used core java concepts like Multithreading, exceptional.
- Used Maven as a build tool for application development.
- Implemented Database interactions using JDBC with back-end MySQL.
- Used Apache Tomcat as the application server for deploying application in local and global environment.
- Used MySQL as the database for storing/retrieving the data.
- Used log4J API for warning messages, errors, exception handling, stack traces and as a debugger throughout the code.

Environment: Java, HTML5, CSS3, MySQL, Tomcat, Maven, JSON, Multithreading/Executor service, Log4J.

PROJECTS

Text-to-Voice application (AWS Project)

- Hosted a web application in **EC2** instance, this application displays the properties of the uploaded file.
- Created an application which stores the input in **S3** bucket, this will communicate with API gateway and then post the input into DynamoDB. The input in **DynamoDB** is later transferred via an **SNS to Amazon Polly**. This will convert our text file into MP3 format.
- RESTful web service is invoked by a static webpage hosted on Amazon Simple Storage Service.
- A lambda function is created for initializing the process of generating MP3 files.
- This application is highly available because AWS Lambda, Amazon API Gateway, Amazon S3, and Amazon DynamoDB use multiple available Zones.

Number Checker Application

- Developed this web application in various cloud environments like AWS EC2 and Google App Engine to check the ease of use and the duration to create a random application and deploy it onto the server.
- With user's input the application checks if the number entered is prime, Armstrong or otherwise and also gives its factorial.
- Java is used as language and this application was tested by creating a set of (edge case) test cases and executing them.
- Its executed in ubuntu VirtualBox initially and confirmed it to be successful.
- The program was finally executed in the main web browser with the help of URL given by the google. Two codes are linked for this application for it to be executed. Primesa.py and app.yaml
- The two web services used were, 1. Memcache: which gives the execution time as output after it processes and also gives the number of hit counts. 2. Google user management: It secures the application by giving the login and logout options to the users.

E-Hospital Management System

- Turned around the stability of this legacy product, creating a scalable, re-usable code using OOP and solving a performance issue within the database connection with JPA (ORM model).
- Designed and developed a new user interface (UI) in JSF, JPA, XML, Java and J2EE and developed Web applications using HTML, JavaScript, PHP, and AJAX.
- Connected the frontend and back end of the application by applying the JDBC connection.
- JDBC connection was established by loading the driver, creating the connection, creating the statement and
- executing the query.
- Aided in the implementation of this sweeping system upgrade to existing customers, successfully troubleshooting a variety of user issues while setting up client workstation and server networking.
- Contributed to increased satisfaction among the company's existing clients by enabling a more efficient product as well as improving new product sales by providing a more robust offering.
- Leveraged Google Web Toolkit as a development toolkit to write application front-end in Java, for building complex AJAX-based page using Java, which is then compiled to highly optimized JavaScript.