SNEHITA KOLAPKAR

JAVA DEVELOPER

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Career Objective

Skilled, highly experienced for 4 years and self-motivated developer, with a master's degree in Computer Science, seeking to work as a Java Developer with an exciting company that wants to attract talented people.

Professional Experience

Persistent Systems Ltd, Pune, India   **Aug 2014 - July 2016**
Software Developer

- Worked on the development, enhancement, maintenance of large-scale software projects in Identity Management Domain using agile methodology using hands-on Java programming.

- Worked on development of different modules of the project that had different UI and functionality for various user types like customer, admin etc. using virtual appliances and cloud technologies.

- Extensively implemented objected oriented coding for web application portals with design patterns.

- Implemented JDBC programming and front-end scripting using web services tools like SOAPUI in various projects.

- Worked with middlewares like Websphere for enterprise applications

- Applied excellent problem-solving skills to the technical issues arising in the project after discussing with clients.

- Have excellent debugging skills to track down complex issues in the project.

- Experienced in working in teams collaboratively and in fast paced environment

- Gave presentations to client and senior management for project demos.

Office of Technology Services, IIT, Chicago   **July 2017- May 2018**
Support Technician

- Worked at the university as a support technician providing support to multiple projects that included banner, footprints ticket system, admin tools and performed other basic troubleshooting for users

Skill Set

- Programming languages: Core Java, J2EE, C, Servlets and JSP, Spring, Hibernate
- Scripting Languages: Python, JavaScript, Android, Angular, Node, AJAX, PHP
- Database querying languages: SQL, Oracle, MYSQL, MongoDB
- Methodologies: OOP, UML, Design Patterns like MVC.
- Other technologies: Amazon Web Services, Microsoft Azure, Hadoop, Spark, REST APIs, Banner, Unix scripting, Unit Testing, Tomcat, Visual Studio IDE, Linux OS

Projects

- **Enterprise Web Applications**
  - Developed e-commerce and car rental web applications using Servlets and UI was developed using HTML, CSS, Javascript. Implemented SAX-Parser to load products stored in XML files. For backend we used MySQL for

relational DB and implemented ratings and reviews for products using NoSQL Mongo DB. Performed queries in MySQL and MongoDB to perform analysis on product sales and reviews. Implemented choropleth maps to view sales across US states and implemented D3.js based bar graphs to view sales of various products. Utilized Twitter API and Python to analyze products being on sale.

- **Mobile Application Development (Android)**
  - Developed applications in android using Android Studio like -
  - **Stock Market Watch**- This app displays the stocks with their prices and percentage change in their prices,
  - **News Gateway Application**- This app displays the day-today news with a menu on the right to view news from various categories like world, sports, entertainment etc. Swipe across to view all the news one by one in the category.
  - **Know Your Government application** listing information about US government officials like their full name, photo, contact info, designation, party affiliation, website etc. in app user's current or requested location. Implemented Fragments, AsyncTasks, Views etc. for this app.

- **Cloud computing**
  - **Chameleon project**: Developed programs in C for running Benchmarking of memory/CPU/Network/Disk performance using Chameleon cloud and developed in Java, TeraSort Sorting technique using Hadoop and Spark using AWS instances.
  - **AWS project:** This project is developed using Maven, JSP, HTML, Bootstrap, CSS and AWS Services such as SQS, SNS, RDS, EC2, S3 and ELB. Moreover, this website allows a user to upload an image to process, see the processing status of uploaded images, gallery to view uploaded and already processed images, receive an email and SMS notification, once, after the image is uploaded and another after the image is processed. Application was deployed on tomcat server on EC2 (Ubuntu machine).

- **Websites**
  - Developed user friendly informative websites like Etamax- College Fest website, Tours and Travel website using HTML, CSS, JQuery, PHP, Javascript and MySQL.

- **Big Data**
  - Executed various commands in Hadoop FS, Spark, Pig Latin environments using Microsoft Azure for Big Data course.

EDUCATIONAL QUALIFICATIONS

Illinois Institute of Technology, Chicago, Illinois   **August 2016 - May 2018**
  Master's in Computer Science   **GPA:** 3.33/4