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| – Java Developer |
| , Sunnyvale, CA Summary |
| * Overall 4 years of experience in design, development, maintenance and support of Java/J2EE applications. * Working experience in multi-tiered distributed environment, OOAD concepts, good understanding of Development Lifecycle. * Experienced in Design, development and testing of web application and integration projects using technologies such as Core JAVA, J2EE, JDBC, Spring Framework, Hibernate, Java Beans, Web Service. * Good Working experience in using different modules like Spring Core Container Module, Spring Boot, Spring MVC Framework module, Spring AOP Module, Spring ORM Module etc in Spring Framework. * Expertise in Front Ends development and design using HTML, JavaScript, Ajax. * Areas of expertise includes analysis, design and development of software involving technologies like Java, J2EE Servlets, JDBC, Spring, Hibernate, Web Services, REST, CSS, XML, HTML, JavaScript, AJAX. * Familiar with configuring & deploying applications on **J2EE application server** (Apache Tomcat, TomEE). * Solid understanding in Data Structures and Algorithms and proficiency in Object-Oriented Programming * Hands on using Agile software development solutions like Jira, Github, Jenkins to deploy and build. * Designed the application with reusable JAVA/J2EE design patterns like Singleton Pattern, Factory Pattern, Service Locator and Data Access Object. * Implemented SQL queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the databases. * Well versed with core Java concepts like collections, multithreading, I/O streams, serialization, Java beans  |  | | --- | | Skills | | * Languages: Java, SQL, HTML, Python, Go Java * Technology: JDK, J2EE, AJAX, JDBC, JNDI, Restful Web service, Search Engine * Servlets Frameworks: Spring, Hibernates * Databases: Oracle, MySQL, MongoDB * FrontEnd: XML, JavaScript, AJAX, HTML | |
| Experience |
| **, San Jose CA May 2017 - Present** |  |  |
| Software Engineer Developed a full-stack **web service** aiming to use personalization to improve users’ experience for restaurant searching and recommendation based on geo location, visit history and favorite record.   * Developed a web service using **Java servlets** with **RESTful APIs** to fetch restaurant data from Yelp API. * Designed the data model and utilized **MySQL/MongoDB** to store user preference and restaurant information. * Designed and developed a **collaborative filtering and sorting algorithm** to match similar restaurants based on categories, make restaurant recommendation to consumers. * Deployed the application to **Amazon EC2** for better performance, and tested the web service and app with unit tests(**JUnit**) and load tests(**JMeter**) to ensure the correctness and robustness of the service, guaranteed a capability of 150 qps. * Developed an interactive web page utilizing **AJAX** technology (HTML, CSS and JavaScript), for users to search restaurant, update preference and view recommended restaurant. * Used ELK to target mobile users on the basis of demographics, location, behavior, device and service provider. * Built a **search engine using ElasticSearch** to collect and store user session data and process raw information before further analysis. * Used Timelion timeline to identify peak seasons and periods for resource usages (weekends, holidays etc.). * Utilized GeoIp in **Kibana** to analyze the geographic distribution of new customers and returning users. |
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| **LivingSocial Inc, Washington, D.C through 2Dream Inc, Jan 2016 – April 2017** |  |  |
| Software Engineer Build a **Geo-index and Image Recognition** based **E-commence** domain   * Built a scalable web service in Go to handle posts and deployed to **Google Cloud** (GAE flex) for better scaling. * Utilized **ElasticSearch** (GCE) to provide geo-locsation-based search functions such that users can search nearby posts within a distance (e.g. 200km). * Used Google Dataflow to implement a daily dump of posts to BigQuery table for offline analysis. * Aggregated the data at the post level and user level to improve the keyword-based spam detection (BigQuery). * Used Google Cloud ML API and Tensorflow to train a face detection model and integrate with the Go service. * Imported **Go** “io” library to handle HTTP multipart request such as sending files and data over to the HTTP server * Used Google Cloud ML API and Tensorflow to train a face detection model and integrate with the Go service. * Participate in developing web-based online shopping and billing system that allows customers to register, search & filter, make payments using **HTML, Javascript, CSS** * Optimized front-end data request logic in JavaScript to prevent consuming all resources of the database. |
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| **Wanda Group, Guangzhou, China, June 2013 – July 2015** |  |  |
| Software Engineer Develop a **Spring** and Hibernate based Shopping and Ordering system   * Used Spring framework to build a web application for users to shop and order items online. * Built a web application based on **Spring MVC** to support item search and listing (dependency injection, inversion of control). * Developed the application using **Rest Web Service** framework. * Used Spring Security to implement OAuth2 based authentication. * Utilized **Hibernate** to provide better support of database operations. * Developed a Spring Web Flow to support item ordering. * Implemented security workflow via in-memory and **JDBC** authentication provided by Spring Security. |
| Projects |
| Android App Firelook, Feb 2018 – May 2018 LBS BASED APP FOR TOURISTS AND LOCAL RESIDENTS   * Developed an Android App for users to post events and search nearby events based on keyword tags. * Integrated Google Map API to display the nearby hot events and navigate to the event. * Used Google Firebase to store and manage UGC including comments, images, descriptions, title, geolocations. * Used in-app advertising (Google AdMob) to display Google advertisers and keep users engaged. |
| Education |
| **George Washington University, DC**  Master’s in Computer Science, graduated in May 2018 |