KUMARAN MANANGATTIDHARMANLEKHA

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EMPLOYMENT

TELUS – U.S. Department of Transportation, Software Developer Intern   May 16 - Dec 16
- Technical Skills/Framework: Java, J2EE, PL/SQL, Crystal Reports, ArcGIS, Flash Builder, Python.
- Migrated TELUS applications from Apache Tomcat 4 and JDK 1.4 to Apache 8 and JDK 1.8.
- Added Revision Module, Project scoring module, Project Image Screenshot module, integrated MS-SQL database with ArcMap Service used by many US states transportation department.

Infosys Technologies, Role: DevOps Engineer   Aug 14 – Aug 15
- Technical Skills/Framework: UNIX, Java, Python, Cloud
- Automated the infrastructure setup within Infosys cloud ensuring reliability and security.
- Automated housekeeping tasks, backup, recovery and created customized alarms to alert at critical levels.
- Automated package installations, configurations and connection establishment in the servers and maintained live production servers without downtime by providing support and troubleshooting them and integrated third party apps that supports bigger apps within cloud.
- Migrated Applications to cloud by following standard procedures and documented details that include DNS Configuration, Code Deployment for production use.

Infosys Technologies, Role: Systems Engineer   Aug 12 – Jun 14
- Technical Skills/Framework: Java, Web Services, IBM Tririga Builder tool
- Created efficient back-end solutions for a large-scale Space and Asset management web application for National Australian Bank that helped in reducing building's resource by 50%.
- Developed interactive features for NAB users Discussion Forums, providing for both mobile and desktop versions.

EDUCATION

New Jersey Institute of Technology, Newark, NJ   GPA: 3.6/4.0
Masters in Computer Science (Database Specialization)   *Expected Grad. Date: May 2017

TECHNICAL EXPERIENCE AND PROJECTS

- **Big Data Hadoop project on Businesses and States in US from Yelp Dataset- Map Reduce** (Fall 2016): Configured Hadoop in multi cluster node using micro servers in AWS cloud; Analysed the 5 years yelp dataset and found interesting facts on category wise performance, top US states performance in each category etc. AWS, JAVA.
- **Eventbrite (Events Registration) Android Application** (Fall 2016): Created Event based application for the users to purchase tickets for the events and various services related to the events like google map estimation time, Events Popularity Heat Map using Firebase (Baas). Android, Firebase, JSON.
- **Customer Management System** (Fall 2016): Implemented CRUD customer management system using Spring MVC and Hibernate framework. Implemented different java design patterns. Java, Spring, Hibernate SQL.
- **Kleinberg's HITS and Google's PageRank algorithm** (Spring 2016): Implemented the algorithms using graphs concept. Java.
- **Linux Kernel Programming** (Spring 2016): Modified and rebuilt a customized Linux Kernel. C, ASM.
- **Online Chatting Appl**. (Fall 2015): A Mobile app with features: Individual & group chat, text, image & voice messages, status update, profile picture, add & delete friends. Designed the database & created Web Services for all the above and deployed in our University DB & Web servers respectively. PHP, SQL, JAVA, ANDROID, JSON.
- **Reddit bot using Python** (Fall 2015): created spiders to crawl and scrap required data from the website. Python.

ACHEIVEMENTS

- Received best Fresher's Excellence Award presented by Infosys for being most productive employee (Mar 14)

LANGUAGES, TECHNOLOGIES AND FRAMEWORKS

- **Languages**: Java(Proficient);Android; Python; Perl, PHP; SQL; JavaScript; C; ASM; Ionic; AngularJS; JSON
- **Web/Frameworks**: Hadoop; Map Reduce; AWS Cloud, J2EE, JSP and Servlet, Spring, Hibernate AngularJS, Rest Web Services, JQuery, AJAX, Bootstrap, XML, GitHub, Apache, Firebase