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Akash Chugh

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Employment

Software Developer	Larsen & Toubro Infotech	July 2014-July 2016

Project: B.E Malaysia

- Generated Interactive reports programmatically for the production planning team that helped visualize the existing capacity and plan for future production.
- Remodeled various data dictionary objects such as Tables, Views, Structures and set up Table maintenance that resulted in 3x faster access of data.
- Automated the data uploading process that saved 100+ man hours per month.
- Enhanced the standard SAP modules using enhancements thus saving end user's time by more than 10%.

Education

Tempe, AZ	Arizona State University	Fall 2016 – Expected Fall 2018

- Masters in Computer Software Engineering, **GPA:4.11**
- Graduate Coursework: Advanced Data Structures and Algorithms; Mobile Development;Semantic Web,Programming and Language Paradigms;Project & Process Management(Data Analytics);Software Enterprise: Inception & Elaboration.

Bangalore, KA	Sir M Visvesvaraya Institute of Technology	Fall 2010 – Fall 2014

- B.E. in Information Science, May 2014, **70%**
- UG Coursework: Object Oriented Concepts;Database systems; DBMS;Data Structures and Algorithms; Operating Systems.

Technical Experience

Projects

- **BeNutritious** (2016). An android application that provides nutritious meal suggestions based on the user's current food habit.Analyzes user data with various sources and predicts the best meal based on current day's nutrient deficiency.Additionally, Personal Software Process (Watts Humphrey) metrics were also evaluated during development for personal improvement and each development phase documented. **Java,SQLite,Android Studio**
- **Sportsvaganza** (2016). A semantic web application that provides trending sports news based on the user's country.Additionally, upcoming events,their wiki descriptions and tweets by sports icon are also displayed.Python was used to scrape data, and to analyze raw data files.The application analyzes meta data associated with the news and generates RDF's which are queried later. **Python,RDF,Turtle,SPARQL,JSP**
- **mAspira** (2017).A mobile application that is used by clinics and patients to monitor Asthma in children and remind them to carry out tests based on various sensors. The research work pertains to analyzing the aspect oriented concepts to achieve greater efficiency by optimizing logging, by making it target specific instead of using a brute force approach.**Java, Android Studio, Profiling Tools**

Additional Experience and Awards

- **SAP Centre of Excellence Award:**Received the award from Johnson Controls Inc in recognition of my dedication and excellent work for delivering high quality objects.
- **Partner's Award:**Contributed to Gyankosh(Larsen & Toubro's library of reusable objects).
- **Research/Travel grant reviewer-GPSA** (2016-17) Reviewing and approving grant applications from candidates in research.

Languages and Technologies

- Python;Java;Swift;ABAP(SAP);HTML5;CSS3;Prolog.
- Android Studio;XCode;Eclipse;SAP;Vim;WebStorm; PyCharm; Linux.