

D Anil Kumar

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Objective

To pursue a challenging career where I can effectively pursue my interest in Big Data Analytics.

Work Experience

[May 2013 - Current] Senior Courseware Developer – CommLab India

Developed E- Learning management training courses with content for a wide range of training programs, applying time-tested instructional design principles and strategies that are a right fit for any type of content.

Proven expertise in using latest generation rapid authoring tools such as iSpring Suite, Articulate360, Adobe Captivate, and Lectora Inspire to develop e-courses at the speed of need.

- Used Instructional design methods and theories to complete projects within scope.
- Used various technologies for deploying eLearning courses with minimal engagement.
- Researched and recommended best practices and standard operating procedures for rich media application development and integration for eLearning.
- Plan, create, develop, and support learning technology initiatives and provide technical expertise for the programming of online content.
- Develop webinars, web-based training, self-paced training, and other learning technology offerings.
- Participate in the design, development, and maintenance of learning technology materials and applications including storyboards and project plans.
- Develop templates and graphics for use in delivering online content and applications.
- Provide support and training on existing and emerging learning platforms, practices, and technologies.
- Create scripts, multimedia, narration, graphics, games, and interactive simulations.
- Create, maintain, administer, and provide QA testing for the Blackboard LMS.

Education

[Sept 2008 – May 2012] Bachelor of Technology in Computer Science & Engineering
Institute of Aeronautical Engineering (JNTU-Hyderabad).

[Sept 2017 – Aug 2018] Certificate Course in Big Data
NIIT, Hyderabad.

Projects

Big Data project (NIIT): Business Insights from User Data

Design and development of a data management system for an organisation to store, manage and process large quantities of data collected during daily operation from varied data sources.

- Knowledge of Hadoop and related frameworks in the ecosystem including HDFS, MapReduce, Apache Pig and Hive.
- Configuration management and deployment of Cloudera Hadoop distribution.
- Experience with HDFS architecture and optimization of database design.
- Utilized Apache Hive data warehouse software for bucketing and partitioning data residing in distributed storage.
- Experience with real-time processing of data from various sources using Apache Spark.

Final Project (B.Tech.): Social Networking

Front End: ASP.NET (C#.Net, ADO.Net)

Back End: SQL Server 2005

This project involved development of four modules that were integrated into a social networking website. The Activity module keeps track of an user's actions on the website and summarizes them using mini-feeds. This is done by aggregation of such activities in blocks, storing in a specialized table, and distribution via RSS. The module is extensible and has well-defined interfaces to facilitate easy integration with other modules. The messages themselves are context sensitive and customizable via the admin interface

Specifically, my responsibilities in database design and programming include:

- Designed database in SQL Server 2005 using T-SQL.
- Design process for integration of component modules using master pages.
- Developed procedures in C# for extraction of information from external modules.
- Successful deployment of database and overall project.

Mini Project (B.Tech.): Leave Management system

Front End: HTML (& JSP)

Back End: SQL

This project involved development of a system that tracks details of employee absences. The system records employee leaves, generates corresponding pay slips accounting for the leaves and other allowances. It provides several reporting views for employee, supervisor and the HR manager.

Specific programming and design tasks involve:

- Created dynamically created forms using JSP and static web pages using HTML.
- Ensured connectivity with the database using JDBC/ODBC drivers.
- Feature development using JavaScript and JSP for tracking project assignments, automated monthly updates and generation of pay slips.

Technical Skills

- Programming Languages: C, Java, Python.
- Hadoop ecosystem: HDFS, Hive, Apache Spark, Apache Pig.
- E-Learning Tools: Articulate StoryLine 1-2, Adobe Captivate, Lectora, Articulate Studio.
- Databases: SQL.
- Web Design: Flash, JavaScript, CSS, HTML, XML, Dreamweaver.
- Operating Systems: Linux, Windows.

Professional Affiliations/Activities

- Member of Aspiring Minds' Computer Adaptive Test (AMCAT).

Recognitions

- Received Team Player award in CommLab India.