

ANKITA PANDIT

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WORK EXPERIENCE

Data Engineer, Cognizant Technology Solutions, College Station, Texas, USA

Dec 2020 - Present

- Worked on different big data tools such as Spark, Scala, PySpark, Hadoop MapReduce, HIVE, YARN and AWS.

Software Engineer, Cerner Corporation, Kansas City, Missouri, USA

Mar 2020 - Jun 2020

- Drove all phases of SDLC in the web application meant for conducting campus tour for the new hires using React.js, Ruby and ActiveRecord.

Software Engineer, Honeywell Technology Solutions Lab, Bangalore, Karnataka, India

Jul 2017 - Jul 2018

- Baselined, implemented and tested APIs for flight maintenance and connectivity, written in C++.
- Supported and troubleshooted integration and automation of aircraft domain applications using bash scripting.
- Supported in setting up RADIUS server for authentication and authorization of incoming connections.
- Curated 12 editions of SATCOM advanced research tabloid for Aerospace department.
- Honeywell Lean Six Sigma Green Belt Certification (05 Mar 2018) – Automated the testing process to match requirements of Google C++ testing framework. The software is intuitive and automatically creates test file structure, along with the skeleton of the testing code. This is then plugged into Google C++ testing framework.

Technical Intern, KPMG Global Services, Bangalore, Karnataka, India

Jan 2017 - May 2017

- Architected and implemented Profit & Loss Report Automation software including timesheet software using VBA.

Technical Intern, Linit Exports Private Limited, Mumbai, Maharashtra, India

Jun 2016 – Jul 2016

- Added a few navigational pages to Order Sales Management portal using HTML5, CSS3, jQuery, JavaScript, PHP.

EDUCATION

University at Buffalo – State University of New York, Buffalo, New York, USA

Aug 2018 – Feb 2020

Master of Science, Computer Science and Engineering

Coursework: Algorithm Analysis & Design, Advanced Information Retrieval, Computer Security, Distributed System, Data Intensive Computing, Computer Vision & Image Processing, Object Oriented Design, Project Management

Manipal Institute of Technology, Manipal, Karnataka, India

Aug 2013 - May 2017

Bachelor of Technology, Computer and Communication Engineering

Coursework: Wireless Communication Computing, Cloud Computing, Multimedia Communications, Data Structures, Operating System, Database Systems, Data mining & Predictive Analysis, Software Design Technologies, App Development

TECHNICAL SKILLS

- Programming Language: Java, Python, C++, C, HTML, CSS, SQL, Hadoop MapReduce, HIVE, R, PHP, Ruby, React.js, JavaScript, Bash, XML, JSON, Spark, Scala, PySpark
- Tools & Softwares: Abyss Web Server, Amazon Web Services (AWS), Apache Hadoop, Apache Solr, Apache Tomcat, BitBucket, Cloudera Hadoop, Docker, Enterprise Architect, Git, Hortonworks Sandbox, IBM BlueMix, IBM DOORS, IntelliJ, JIRA, Jupyter, Libelium Waspnote, Lighttpd, Linux, Metasploit, Microsoft Visio, MiniTab, MongoDB, MySQL, NFS3, OpenSSL, PuTTY, RADIUS, RStudio, SQLite, Tableau, VirtualBox, WAMP, Wireshark, YARN

ACADEMIC PROJECTS

- Data Digest – Implemented text extraction and summarization for election violence. The data source used was news and social media such as Twitter. [Python Flask, HTML5, CSS3, JavaScript, Apache Solr, Google Maps API]
- Tweet Analyzer – Implemented search and analysis tool on Twitter data like sentiment analysis, distribution graphs, word cloud, trending hashtags indexed on Apache Solr. [Python Flask, HTML5, CSS3, JavaScript, AWS, Apache Solr]
- MyWaypoints - Designed and deployed distributed systems using basic client-server application displaying and storing weather and waypoints along the route selected using GUI. [Python Flask, Google Maps API, OpenWeather API, HTML5, CSS3, JavaScript]
- Large Scale Publish-Subscribe model – Emulated distributed publish-subscribe model using Docker containers. [Python Flask, Docker, HTML5, CSS3, AJAX, JavaScript]
- Big Data Analysis on multiple sources – Analyzed data on given topic from 3 different sources (Common Crawl, New York Times and Twitter) using Hadoop and visualized pertinent data. [Python, Tableau, Hadoop MapReduce, NYT API, Twitter API]
- Doctor Appointment app - Implemented doctor appointment booking app with cloud support. [Android Stack, IBM BlueMix]