

CHANDRIKA SOWMINI DEVABHAKTHUNI

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EDUCATION

Koneru Lakshmaiah Educational Foundation, Guntur/India

2016 - 2020

4 -year Degree, Bachelor of Technology in Electronics and Communication Engineering.

- Among top 5% of the graduating class (CGPA **9.23/10**)
- Coursework: C and Data Structures, Object-Oriented programming through JAVA, Data Visualization using Tableau, Coding Skills in Python, Cloud Computing, Probability and Stochastic Models, Single Variable Calculus and Matrix Algebra, Multi Variate Calculus, Discrete Mathematics, MATLAB, LabVIEW, Digital Signal and Image Processing etc.

Sri Chaitanya Junior College, Hyderabad/India

2016

Grade 11 and 12, Mathematics, Physics and Chemistry.

- Among top 10% of the class (**94.2%**.)

WORK EXPERIENCE

Deloitte – Analyst

August 2020 - Present

- Worked on analyzing Deloitte US Employee payroll data to develop custom reports and tables by retrieving time and payroll data from infotypes.
- Integrated SAP HCM across SAP modules like SuccessFactors modules – Employee Central, Recruitment and Onboarding, Organization Management (OM), Personnel Administration (PA), Payroll and LMS.
- Implemented data migration from on-premises SAP ERP HCM systems to SAP SuccessFactors Employee Central using SAP Data Services with IDOCs, BAPIs LSMW, and BDC load methodology.
- Worked with Tableau team to migrate excel-based weekly job run and process checks report to interactive Tableau dashboards and KPI's to cut down the dependency on manual reporting by 15%.
- Working on configuration of Foundation Objects, Metadata Framework (MDF) and configuring Business Rules, conditional Workflows.
- Shadow Business Solution Analyst for minor projects.

INTERNSHIP AND TRAINING EXPERIENCE

Deloitte – Intern Analyst

January 2020 - June 2020

- Worked on a leave design project for states in the U.S, created new Absence quotas, absences, counting rules, deduction rules. Created custom PCRs to generate the quotas-based client requirement. Configured Leave Accruals, Carryforward, Advance leaves, leave proration for new hires/separated employees; rotators, Loss of pay leave proration.
- Analysis of Payroll, Time management, OM and PA issues for U.S
- Provided Data mapping and Data Setup requirements.
- Developed and executed test plans to meet functional and technical requirements.

Quantum – Data Analytics Virtual Program

October 2020

- Conducted analysis on client's transaction dataset and identified customer purchasing behaviors to generate insights and provided commercial recommendations.
- Delivered the insights and recommendations to the client in PowerPoint presentation along with easy-to-understand data visualizations.

Arete IT Services - Data Science and Computational Analytics Intern

April 2019 - July 2019

- Worked on programs for collecting, crunching, and analyzing data from various sources.
- Using Python and Scikit-learn, built and tuned the ML models.
- To enable predictive modeling and trend analysis, created linkages between various data available.
- Analyzed data based on various areas of the business and implemented cloud-native applications, and database integration.

RESEARCH AND PROJECTS

Design and Analysis of Multipliers using Radix-8 Booth Encoding Technique for Low Power and Area Consumption (Publication) December 2019

- Authored and published a paper in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-2, December 2019

Projects:

- **Artificial Intelligence for Candidate Screening (Deloitte)** February 2021
 - Developed the project as a part Hackathon and won first prize.
 - Designed an end-to-end project and deployed using Azure by integrating with Google dialogue flow and AWS. Used IBM Watson to analyze candidate's voice if telephonic and mood analysis if video interview. Used Azure Cosmos DB for generating reports based on the analysis.
- **Credit Card Fraud Detection (Arete IT Services)** June 2019
 - Done Exploratory Data Analysis on full data from datasets available in Kaggle. Used "LocalOutlierFactor" to remove outliers and used KNN technique to predict to train the data and to predict the Fraud transaction.
 - Applied T-SNE to visualize the Fraud and genuine transactions in 2-D.
- **Natural Language Processing with Disaster Tweets (Kaggle Competition)** October 2020
 - Using NLP, a model is built to analyze the tweets and classify them as disastrous and not disastrous. (Url: <https://www.kaggle.com/c/sowmini/nlp-disaster-tweets>)
- **Food Delivery Application (K L E F)** November 2019
 - It is a food delivery application in which food recommendation system using machine learning model will be integrated in a PEGA application.
 - Concepts: Process UI & Data Model design, Report design, Data Transform, Data Propagation.

SKILLS

Languages: Python, ABAP, Java, C and Data Structures, HTML, PHP, Bootstrap, CSS, Verilog HDL.

Libraries: Pandas, NumPy, TensorFlow, Scikit-Learn, Scikit-Image, OpenCV, Keras, Nipy, Matplotlib, SciPy.

Tools & Platforms: Tableau, SAP HCM, SuccessFactors, AWS, PEGA, MATLAB, NI LabView.

Others: MySQL, Oracle SQL, Bootstrap.

EXTRA CURRICULAR ACTIVITIES AND AWARDS

- Won Deloitte FY'21 DAS Talent Technology and Innovation Hackathon.
- Earned 'SPOT Award' and 'Rockstar Rookie' in Deloitte appreciating my performance that demonstrated my dedication and willingness to go the extra mile.
- With an All-India 91 percentile, stood university second in NCAT(National Creativity Aptitude Test).
- Currently working as Lead Public Relations Volunteer in Humans of the IT Companies.
- Core Member of Zrotiya Team – Techno Fest at K L E F. Organized various events. Attended Workshops and conducted webinars for juniors on various technologies.

COMMUNITY SERVICE

The Indian Conclave

June 2021 - Present

- This is a Non-Profit Organization, where I am a part of collecting funds to provide destitute people with basic amenities. Also took part in educating and helping children in their overall development.
- Developed and deployed a website using HTML, CSS, JS, PHP for the organization. Developed AJAX based Query Search Tool, and also incorporated a graphical representation in terms of a Chart JS to monitor the insights and transactions on the Website.

CERTIFICATIONS

- Certified Associate SAP SuccessFactors Employee Central Core (Application Consultant).
- IBM Data Science Professional Certificate - Coursera.
- PEGA – Certified Senior System Architect and Certified System Architect v8, v7.3, v7.4
- Certified LabVIEW Associate Developer by National Instruments