

# CHANDRIKA SOWMINI DEVABHAKTHUNI

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## WORK EXPERIENCE

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### Deloitte – Analyst

August 2020 - Present

- Worked on analyzing Deloitte US Employee payroll data to develop custom reports and tables by retrieving 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

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### 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 Solutions - Data Science and Computational Analytics

April 2019 - July 2019

- Written code to collect, crunch and analyze data from various internal and external sources.
- Built and tuned machine learning models using Python and scikit-learn.
- Created linkages between various data within our business intelligence software to enable predictive modeling and trend analysis.
- Work in an agile environment as part of an interdisciplinary development team on the implementation of those ideas.

## EDUCATION

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### Koneru Lakshmaiah Educational Foundation, Guntur/India

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.

Grade 11 and 12, Mathematics, Physics and Chemistry

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

## RESEARCH PAPER AND PROJECTS

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### Design and Analysis of Multipliers using Radix-8 Booth Encoding Technique for Low Power and Area Consumption (Research Paper)

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
  - Used IBM Watson to analyze candidate's voice analytics 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 Solutions)** 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.
- **Food Delivery Application (K L E F)** March 2020
  - It is a food delivery application in which food recommendation system using machine learning model will be integrated in a PEGA application.
  - Concepts used in the project are Process design, Case design, UI design, Application design, Data Model design, Report design, Data Transform, Data Propagation.

## SKILLS

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Python, Java, ABAP, MySQL, TensorFlow, Keras, Numpy, Scikit-Learn, Tableau, PHP, Bootstrap, HTML, CSS, AWS, PEGA, MATLAB, NI LabView, SAP HCM, SuccessFactors.

## EXTRA CURRICULAR ACTIVITIES AND AWARDS

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- Won Deloitte FY'21 DAS Talent Technology and Innovation Hackathon.
- Earned SPOT Award in Deloitte appreciating my performance that demonstrated my dedication and willingness to go the extra mile.
- Currently working as Lead Public Relations Volunteer in Humans of the IT Companies.
- Core Member of Zrotriya Team – Techno Fest at K L E F. Organized various events.
- Attended Workshops and conducted webinars for juniors on various technologies.
- Was elected as School Pupil Leader in Grade 10.

## COMMUNITY SERVICE

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### The Indian Conclave

August 2021 - Present

- Developed and deployed a website using HTML, CSS, JS, PHP for the organization.
- This is a Non-Profit Organization, where I have been a part of collecting funds to provide destitute people with basic amenities such as food, clothes, and shelter.
- Took part in educating children and help children in their overall development.

## CERTIFICATIONS

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- 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