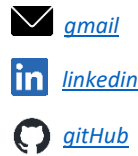


DHEERAJ KUMAR KONDAPALLI

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EXPERIENCE

Software Engineer I

October 2023 – March 2024

AlpineTechQ Inc, Irving, Texas

- Followed **Agile** Methodology in the project, used **Jira** for ticket assignment and project management.
- Worked on **Spring Boot** at Backend to develop the application and worked on APIs feature changes in local testing, Dev, QA and prod environments, validated the data using **Postman**, maintained logs using **Splunk**.
- Worked with User Authentication using **filter chains** in **Spring Security** and **JWT** and **OAuth**, and persisted data using **Spring Data JPA** and **Hibernate**.
- Worked with **Kafka** in producing and consuming notifications for user logins using **Spring for Kafka API**.
- Worked with **Postgres** and **Oracle DB** for managing and updating the databases using SQL Tables, Views and procedures used **Docker Volumes** to handle instance and cache data.
- Used **AWS S3** for storing snapshots, Applications & Databases logs, including deleting and archiving logs.
- Used **Docker Compose** to maintain multiple Images of the application and orchestrated using **Kubernetes**.

Programmer Analyst

September 2021 – July 2022

Cognizant Technology Solutions, Hyderabad, Telangana

- Analyzed client's Reports, responsible for testing and documenting user authentication portal, Worked in remote setting, with frequent team meetings and scrum calls.
- Built and tested pages and components using **JSX**, **HTML**, **CSS** and **Bootstrap** in **ReactJS** and made them responsive across various devices and screen sizes.
- Worked with **React** router and **Axios** for seamless page navigation and API connections to backend.
- Collaborated with backend developers to integrate React Router with server-side routes, ensuring consistent navigation behavior between frontend and backend.
- Worked on design and testing the navigation page using bootstrap's Navbar template.
- Trained in Java Spring Boot, Core and Advanced Java, MySQL and Postgres DB.

Data Analyst Intern

September 2020 – June 2021

iLink Digital, Hyderabad, Telangana

- Created SSIS packages for ETL processes on Flipkart inventory, sales, and purchases data.
- Developed Tableau data visualization using Cross tabs, Scatter Plots, Geographic Map and Pie Charts
- Developed case studies to understand new product launch, trend detections, Seasonal forecasting
- Created custom Function's Date range, Time functions, array functions, and Conditional formatting functions in the reports, created different KPIs using calculated key figures and parameters

Machine Learning Intern

March 2020 – August 2020

Internshala, Hyderabad, Telangana

- Gathered, cleaned, and preprocessed extensive sales data, including product attributes, household information, and historical sales records of Big Mart Dataset.
- Developed and implemented machine learning models, including regression and ensemble methods, to predict sales trends and optimize profitability of the company.
- Worked on a Machine Learning project on The Big Mart data gathered, and achieved 96% accuracy rate in sales prediction, optimizing inventory management and cutting down advertisement costs.

SKILLS

Languages: Java 21, 17, 11, Python 3.10, SQL, C, HTML, CSS, JavaScript

Frameworks: Spring Boot, REST APIs, HTTP, Flask, Spark, Hadoop, Hive

Databases: MySQL, Postgres, Oracle, MS SQL, MongoDB

Cloud: Azure synapse analytics, Azure Data Lake, GCP compute engine, AWS Lambda, AWS EC2, Docker, EKS

Tools: Apache Spark, Apache Kafka, Postman, Swagger, Splunk, Jira, Jupyter Notebook, Tableau

CI/CD: Jenkins, Git, Bit Bucket

EDUCATION

Master of Engineering, Computer Engineering – Data Science

Exp. Apr 2024

University of Cincinnati, Cincinnati, Ohio

GPA: 3.58/4

Related coursework: Information Retrieval, Cloud Computing, Intelligent Data Analysis, Data Encoding

Bachelor of Technology, Electronics and Communication Engineering

2021

Sreenidhi Institute of Science and Technology, Hyderabad, Telangana

GPA: 8.4/10

Related coursework: Data Analytics, Database Systems, Java Programming

PROJECTS

E-Commerce Shopping Website – Personal project

2024

Created an interactive Web Application for an E-Commerce website using Rest APIs in Spring Boot for the Backend and Postgres DB for tables and data. Used ReactJS to build the front end and implement working components. Used Postman for testing the API calls and Git for Version control. Integrated Kafka to produce and consume notifications and feed marketing mails to users. Used various tools and applications to make the webpage responsive. Working on mobile integration for the same.

- Applications used: Spring Boot, Postman, Kafka, ReactJS, Postgres DB, GitHub.
- Languages: Java, JavaScript, HTML, CSS, Bootstrap, SQL.

Prediction on Kroger Data using Cloud Technologies – 84.51°/Kroger dataset

2023

Created an interactive Web Application in Google Cloud Platform to explore real-world Retail data from 84.51°/Kroger (anonymized) loaded into Azure Cloud Database. Predicted on what demographic factors affect customer engagement the most. Built a Flask framework and uploaded the file onto the html page to display the data and graphs.

- Technologies used: Microsoft Azure Database, Google Cloud App Engine.
- Languages: Python, HTML, SQL

Anime data analysis Dashboard using Tableau – My Anime list dataset

2023

Created an interactive dashboard to visualize and understand the trends and popularity of anime's of various genres. Used Pie charts, Circle charts, line graphs and various calculated fields and parameters, cleaned the dataset for null values and outliers using Excel and Tableau data interpreter. Displayed the relation between studio/anime popularity based on the type and genre of the anime.

- Tools used: MS Excel (Excel Macro), Tableau

Other Projects

Heart disease prediction, Parkinson disease prediction, Mart Sales Prediction, Air quality detection device.

CERTIFICATIONS AND PAPERS

AWS certified Developer – Associate (DVA-C02)

2024

Microsoft Azure fundamentals (AZ-900) certification

2022

Hand Detection for Safety to avoid accidents – IJRASET, VOL 9, ISSUE VI, June

2021