

Kaustubh Katti

Software Developer | Data Engineer

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Professional Summary

Dynamic software developer and data engineer with a passion for innovation. Experienced in streamlining the flow of information, delivering insights, and managing consumer analytics. Proven ability to provide robust data solutions and create data strategy plans. Excels in dynamic environments with a keen eye for detail and dedication to delivering exceptional results.

Area of Expertise

API | AWS Lambda | AWS SageMaker | Airflow | Azure | CMD | Customer Support | Databricks | Data Analytics | Data Mining | Data Pre-processing | Data Warehouse | DevOps | Django | Docker | ETL | Excel | GCP | Git | IntelliJ Development Env | JIRA | JasperReports | Java | JavaScript | JUnit | Kafka | Kubernetes | Linux | Machine Learning | Microservices | Miro | MongoDB | MySQL | PostgreSQL | Power BI | Predictive Analysis | PySpark | Python | React | S3 | SDLC | Scripting | Snowflake | Spring-Boot | Tableau | TypeScript

Professional Experience

Currys plc | Senior Technical Support Analyst

2023 – Present

- Spearheaded resolution of technical issues spanning Microsoft Office, Cloud Services, Plugins, and Computer Services for diverse clientele.
- Guided and **empowered a team of 4** to curate an exhaustive compendium of frequently encountered FAQs.
- Contribute to daily **performance evaluations and strategic planning** for the Carrickmines store.
- Employ **data-driven insights** to forecast KPIs and mitigate common issues, ensuring **stakeholder alignment**.

Transerve Technologies | Software Development Engineer-1

2022 – 2022

- Catalyzed efficiency gains within Indian government systems through the **development, deployment, and upkeep of 8/15 microservices**.
- Orchestrated seamless **integration of new APIs**, chaired **scrum meetings**, and executed **daily deployments** post rigorous **code scrutiny**.
- Proficient in a comprehensive technology stack including **Spring Boot, React, Junit, UAT, Docker, Kafka, PostgreSQL, JSP Servlet, Linux, and Windows Server**.
- **Transitioned adeptly as a ML/Ops developer**, leveraging **Python, PySpark, Pandas, GeoPandas, Apache Hadoop, Airflow, and Power BI** to unearth actionable insights, **fostering revenue growth by 10%**.
- Applied data-processing techniques to handle complex data structures, handle missing or incomplete data and prepare the data for analysis, reporting or machine learning tasks.
- Ref:- **Mall's Customer Analysis**

BlogVault Inc. | Senior Technical Support Engineer

2021 – 2021

- Engineered **workflow enhancements** through **data-driven analysis**, **optimizing support team efficiency**.
- Nurtured and **upskilled a cohort of 15 colleagues** on system processes, fostering a culture of continual learning.
- Orchestrated **project lifecycles** with a focus on **scope management** and **stakeholder engagement**, servicing 4 key clients.
- Leveraged a suite of tools including **JIRA, Ticketing Services, Chatbot, CRM, PHP, and Java** to fuel system improvements and development.

GreyAtom Edutech Pvt. Ltd | Software Engineer

2019 – 2021

- Architected, **deployed, and maintained 2/7 mission-critical microservices**, amplifying organizational capabilities.
- Integrated data from multiple sources and systems, including databases, APIs, log files, streaming platforms and external providers.

- **Collaborated** seamlessly with **interdisciplinary teams** to **translate client needs into robust software solutions**.
- Proficiency spans **Agile, Waterfall**, and **Bugfix methodologies**, with a keen eye for **performance optimization** and **feature augmentation**.
- Executed rigorous **UAT** and **Integration testing** protocols to ensure **product integrity**.
- Contribute to common frameworks and **best practices in code development**, deployment and automation/orchestration of services.
- Developed monitoring tools, alerts and **automated error handling mechanisms**.
- Command proficiency in **Spring Boot, Angular, Docker, Redis, Kafka, PostgreSQL, GRPF, and Python**.
- Harnessed the **scalability of AWS and Gcloud** to **deploy cutting-edge applications**, elevating **user experiences**.

Projects

Digital Futures Lab

- Utilized **Miro Board** and **Scrum Methodology** to craft a visionary roadmap for global Higher Secondary Education.
- **Leveraged Graphs and Business Analysis** tools including **Tableau, Excel, Trello, and LucidChart** to blueprint an **Ecological and Financially sustainable university model**.
- **Led a winning team of 7** in a competitive arena against 11 rivals, earning accolades and recognition. Explore our triumph: - https://twitter.com/EULab_Community/status/1667137229708206082/photo/2

Mall's Customer Analysis

- Developed and maintained **data pipelines** that extract, transform and load (**ETL**) data from various sources into a centralised data storage system i.e **Databricks**
- Executed **Exploratory Data Analysis (EDA)** and engineered **data preprocessing pipelines** using **Geopandas, pandas-profiling, Spark, and MongoDB**, condensing data volume to **15GB from 380GB**.
- Applied **GIS** techniques to **delineate high-traffic zones** and construct **comprehensive customer profiles** based on **frequency, seasonality, and economic influence, encompassing over 80,000 profiles**.
- Deployed **advanced statistical methods** such as **clustering** and **time series analysis**, crafting **predictive models** via **machine learning algorithms**.
- Monitoring data pipelines and data systems to detect and resolve issues promptly.
- Engineered **interactive dashboards** on **Tableau**, facilitating **seamless communication** of insights to **stakeholders**, ultimately bolstering revenue by 10%.

Education

University Of Limerick, Masters of Sciences in Business Analytics

2022 – 2023

Major: Big Data | Minor: Machine Learning

- Winner of Digital Futures Lab Competition (Conceptualization of HSE on a global scale).
- Specialized in data engineering, project management, and big data analysis.
- 3.32 CGPA

Purdue University, Post-Graduate Diploma in Data Science

2021 – 2022

Major: Data Science in Python | Minor: Data Analytics in Python

Dr.D.Y.Patil College of Engineering, Ambi, Bachelor in Engineering (Computer)

2015 – 2019

Major: Data Structures and Algorithms| Minor: Embedded Software Development

Certificates

- Master Java Web Services and RESTful API with Spring Boot.
- PG Data science using R Studio.
- PG Data science using Python.
- AWS Lambda with Serverless Framework.