Kaustubh Katti

Software Developer | Data Engineer

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Professional Summary

As a dynamic software developer with a passion for innovation, I bring a wealth of experience in data analysis, project management, and software development. My solid foundation in data engineering, statistical analysis, and programming empowers me to excel in dynamic environments. With a keen eye for detail and dedication to delivering exceptional results, I am eager to leverage my skills and experience to drive tangible business outcomes through cutting-edge software solutions.

Area of Expertise

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

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.
- Pioneered **automation of over 100 operational processes**, streamlining returns, repairs, and customer queries.
- Instrumental in driving business growth through strategic product recommendations, and **enhancing customer satisfaction**.
- 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**.
- Acknowledged by governmental authorities for transformative contributions achieved with **optimized resource utilization**.
- 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 into the ML/Ops** domain, leveraging **PySpark, Pandas, GeoPandas, Apache Hadoop, and Power BI** to unearth actionable insights, **fostering revenue growth by 10%**.
- Learnt **Data-Preprocessing, Data-Cleaning, and Data-Mining techniques** to leverage the success of my project.
- You can read more about it in the project section of the resume. 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.
- **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**.
- **Resolved technical hurdles** for a broad student base of 500, with agility and precision.
- 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

- **Spearheaded the analysis of 380GB of mall data** in Goa for a third-party entity, employing adept **data science**, **visualization**, and **business analytics** methodologies.
- Executed **Exploratory Data Analysis (EDA)** and engineered **data preprocessing pipelines** using **Geopandas**, **pandas-profiling**, **Spark**, and **MongoDB**, **condensing data volume to 15GB**.
- 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**.
- 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