

SOUMYA B HUDALIMATH

SOFTWARE ENGINEER

EDUCATION

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PES UNIVERSITY, BENGALURU

2019 – 2023

- Bachelor of Technology in Electronics and Communication Engineering (ECE)
- Minors in Computer Science Engineering (CSE)

GPA 9.48

WORK EXPERIENCE

NETCORE UNBXD, BENGALURU

07/2023 – present

Backend Python Developer

- Design and develop RESTful APIs for data ingestion and transformation, ensuring seamless integration with front-end systems.
- Implement CI/CD pipelines using GitHub Actions, Docker, and Kubernetes, automating deployment processes and ensuring smooth releases.
- Lead performance optimisation efforts, identifying and resolving bottlenecks in backend systems handling large datasets.
- Provide technical mentorship to junior engineers, promoting best coding practices and driving continuous improvement.
- Maintain comprehensive documentation for system architecture, design decisions, and API specifications.
- Collaborate with cross-functional teams to design, develop, and deploy scalable software solutions.

NETCORE UNBXD, BENGALURU

01/2023 – 07/2023

Intern

- Participated in code reviews, ensuring adherence to coding standards and fostering a culture of quality.
- Gained hands-on experience with cloud platforms, particularly AWS, for deploying and scaling applications.
- Assisted in developing and maintaining backend services using Python and SQLite, contributing to key projects and enhancing existing features.

PROJECTS

FEED CONVERSION ETL TOOL

03/2023 – 03/2024

- **Documentation:** Feed-Conversion
- Developed an innovative and fault tolerance ETL tool for converting various feed formats into Unbxid JSON format, optimising data processing using SQLite for database operations.
- Implemented automation with Argo server, utilising cron workflows and templates to streamline data processing

ECOMMERCE WEBSITE SCRAPING AND CUSTOMER INVOCATION

03/2024 – 06/2024

- Developed a project to scrape eCommerce websites for customer data using the Octoparse tool, targeting cold customers for re-engagement.
- Integrated the scraped data with the Feed Conversion tool to standardize and process the information for targeted marketing campaigns.
- Enhanced customer reach and retention by identifying and invoking potential customers based on their online behavior.

CI PIPELINE FOR FEED INDEXING

06/2024 – present

- Created robust pipelines for integrating diverse data sources (e.g., XML, JSON) into a
- Developed a CI pipeline for live and onboarding customers, ensuring integrity and accuracy of feed indexing by comparing new and existing feed data.
- Automated the process using GitHub Actions, reducing indexing errors and improving deployment efficiency.

TECHNICAL SKILLS

- **High Level Programming Languages:** Python, C, C++, HTML, CSS, MATLAB, SQL, PostgreSQL, MySQL, Database Systems, Requirements Gathering, Google Cloud,
- **Hands-on Skills:** Agile methodologies, version control tools (Git), Test Driven Development.
- **Soft Skills:** Problem solving skills, Communication, Team Oriented, Troubleshoot, Constructive Feedback, Collaboration Skills,