

JASON ESTIBEIRO

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PROFESSIONAL SUMMARY

- Software engineer with 8+ years of experience with a focus on data engineering in streaming data processing.
- Experience with all aspects of the software development lifecycle, from requirements management to production maintenance.
- Active member of the Stack Overflow community, help answer questions, amassing reputation points of over 12000 with a reach of 1.2m people.

RELATED EXPERIENCE

Senior Software Engineer II, Unscrambl Singapore Pte. Ltd., Singapore

November 2021 – Present

- Led a team of cloud engineers responsible for deploying public-facing applications on various cloud platforms such as GCP and AWS.
- Managed and optimized cloud resources to ensure efficient utilization and cost-effectiveness.
- Implemented continuous integration/continuous deployment (CI/CD) pipelines to automate the deployment process and improve overall efficiency.
- Developed and maintained Terraform modules and configurations to automate infrastructure deployment, enabling efficient and reproducible infrastructure provisioning.
- Working with a banking customer for developing real-time campaign solutions for India customer base.
- Development of a solution for seamless ingestion and processing of clickstream data, enabling efficient analysis for various campaign objectives.

Senior Software Engineer I, Unscrambl India Pvt. Ltd., Pune

February 2021 – October 2021

- Collaborated with the Infrastructure team to develop and enhance the build system for Unscrambl.
- Worked collaboratively to identify areas for improvement and implement changes to optimize the build process.
- Played an instrumental role in implementing the Bazel build system for one of the Unscrambl products.
- Conducted thorough research and analysis to understand the benefits and potential challenges of integrating Bazel into the existing build infrastructure.
- Worked on developing real-time campaign solutions for a banking customer for Singapore and Indonesia customer base.
- Developed a solution for ingesting debit and credit card transactions, in-app transactions, and tracking app metrics for running various campaigns, including upselling and fraud detection.

Software Development Engineer II, Unscrambl India Pvt. Ltd., Pune

October 2019 – January 2021

- Collaborated with the product team in the development of features for Unscrambl products, with a primary focus on a real-time data processing solution.
- Contributed to the design and implementation of key features, ensuring they met customer requirements and aligned with the product roadmap.
- Added backend features in Java for enabling marketing robots providing next best offers for customers.

Software Development Engineer I, Unscrambl India Pvt. Ltd., Pune

June 2017 – September 2019

- Deployed Unscrambl software and solutions for one of the largest telco operators in the Middle East as a Data Engineer.
- Unscrambl solutions were developed in Python & Java and also worked on maintaining InfoSphere Stream applications.
- Ensured the stability and scalability of data processing, handling up to 13 billion records per day.
- Collaborated with the pre-sales team to build demos for multiple opportunities across Southeast Asia, with a focus on the Philippines, Singapore and Indonesia.
- Demos were developed by extensively using Python with Pandas, NumPy for analysing data.
- Worked closely with the team to understand customer requirements and tailor demos to showcase the value and capabilities of the product.

Software Engineer, Persistent Systems, Nagpur

September 2015 – June 2017

- Improved an enterprise Java-based web application compatibility for multiple versions of IE browsers.
- Developed and delivered a streamlined flow for a loan company, encompassing critical stages such as filing, reviewing, underwriting, and other essential steps within Salesforce.
- Initiated and executed a self-driven mini project that significantly improved support teams' ticket resolution time.
- Developed a Chrome extension in JavaScript leveraging API calls to retrieve real-time information from the application and provide ticket-related details.

Intern Web Developer, ApniStreet Services Pvt. Ltd., Hyderabad

May 2014 – June 2014

- Worked on Pyramid Framework, SQLAlchemy, Node.js, Redis and Ubuntu.
- Worked on mainly the chat module, generated algorithm for periodic email notification and generation of profile settings page.
- Detected and removed various bugs in the website.

EDUCATION

- **Ramdeobaba College of Engineering and Management, Nagpur**
Bachelor of Engineering in Computer Science and Engineering, 2015

CERTIFICATIONS

- **AWS Solutions Architect Associate Certified**
Issued May 2023

TECHNOLOGIES

- **Cloud:** AWS, GCP, Azure
- **Languages:** Python, Java, JavaScript, Bash scripting.
- **Tools & Services:** Kafka, Redis, OpenShift, EC2, EKS, VPC, Amazon Kinesis, AWS Glue, GitHub Actions, Terraform, ALB, API Gateway, RDS.