Ayush Garg

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LinkedIn - LeetCode

Programming Skills

- **Languages**: Haskell, Python, Javascript, C/C++ , Java, PureScript, Django

- **Technologies**: AWS, Redis, PSQL, SQL, Azure, MicroServices, Dsitributed Systems , Kibana, Jenkins, Git, BigQuery, Apache Kafka, Elasticsearch

Experience

- **Juspay Technologies**   Bengaluru, India
  Software Engineer   *July 2022 - Present*
  - **Cloud Token Framework for Card Payments**: Implemented the Cloud Token Framework for card payments, enhancing security and streamlining the payment process.
  - **Orchestration Framework Implementation**: Created a comprehensive orchestration framework to efficiently route API requests from merchants to the payment gateways with the highest success rates, resulting in a **12% increase in SR**.
  - **Implemented SplitSettlement Architecture**: Developed an architecture, enabling merchants to automatically distribute transaction funds to their vendors and partners in **real-time** at the point of sale. Utilized by multitude of merchants, including **10+ large merchants** such as MoneyView, Kotak Insurance, and Slice.
  - **Implemented Split Payment Framework**: Worked on a framework that allows users to pay for a single order using multiple or diverse payment options.Utilized by over 8 prominent merchants, including **Curefit and Rail Yatri**, handling **20,000 transactions per day.**
  - **Implemented Refund Retries**: Implemented refund retries feature where we improved SR of refunds by **automatically retrying refund** in various cases such as acquiring bank have insufficient balance or it is having downtime without merchant interaction. **Improved 10-15 % of refund SR.**
  - **Implement URL Shortening**: Played a pivotal role in the development and deployment of **"Hobbit"** a URL shortening service, in UAT and production environments.
  - **Implement CustomerAccount Management**: Built a project from scratch to **enhance** TPV (**Third-Party Verification**) transactions. Enabled merchants to create customer accounts and use reference IDs for TPV transactions, **eliminate** the need to pass complete bank details for validations.
  - **Enhanced Split Payment Framework**: Added **auto-refund and order ID-based refund** features in SplitPayments, improving merchant usability.

- **JUSPAY TECHNOLOGIES**   Bengaluru, India
  Software Engineer Intern   *Oct. 2021 - Jun. 2022*
  - **Refined Refund Workflow for Greater Scalability and Reliability**: Redesigned the refund process to **automate status handling**, improving workflow efficiency and scalability. Through this we do not require code change for handling any new error-message from gateway's end.
  - **Ensured System Stability**: Contributed to resolving critical issues, including **Sev-0 and Sev-1** incidents, **downtime mitigation**, and debugging production environment bugs, ensuring stable production environments.

- **Celebal Technologies**   Jaipur, Rajasthan
  Software Engineer Intern   *Nov. 2020 - May 2021*
  - **Data-Warehousing Application**: Contributed as a backend engineer to enhance a data-warehousing application, this application do tasks such as file uploading, cloud migration, and file format conversion.
  - **Backend Development for Intern Management System**: Led the development and maintenance of an internal Intern Management Backend using **Django REST Framework** and **Azure App Service** Deployment. Managed intern activities, including their information, leaves, present dates, and daily tasks, and set up automated email updates for mentors about intern progress.

Personal Projects

- **Log Pipeline**: Log Pipeline is an innovative solution designed to streamline the process of log collection, storage, and analysis. It will help in real-time analysis, alerts and we can create matrices / graphs with the help of this.

Education

- **Swami Keshvanand Institute of Technology**   Jaipur, Rajasthan
  Bachelor of Engineering in Computer Science; SGPA : 8.82 (8.82 / 10)   *Aug. 2018 – Jun. 2022*