Shivam Ashtikar

📞 9028840989 — ✉ lightningshivam@gmail.com — in linkedin.com/in/shivamashtikar — ⬤ github.com/shivamashtikar

Experience

Juspay Pvt. Ltd.   Jul 2019 – Present
SDE II   *Mar 2023 – Present*

Team: Euler Dashboard, Full stack (Haskell, ReScript React)

– Reduced bug introductions during deployment by 90% through the implementation of Canary deployment support for pre-production testing.
– Introduced trunk-based development for both frontend and backend codebases, streamlining the weekly release cycle.
– Led a team of both backend and frontend developers, assisting with day-to-day issues, feature solutions, and bug fixes. Collaborated with backend and frontend QA teams to streamline manual and automation testing processes.
– Collaborated across teams at Juspay to streamline various day-to-day tasks, significantly improving overall team efficiency.

Team: Payment Page, Frontend (PureScript, Python, Groovy)

– Introduced trunk-based development for managing the Payment Page codebase, improving release and delivery efficiency.
– Set up an automation pipeline with screenshot comparison for the Payment Page in Jenkins using the Katalon test suite, collaborating closely with the QA automation team.
– Developed a new cross-platform DevTools application to test integrations and verify payment flows in the Payment Page.

SDE I   *Jun 2021 – Mar 2023*

Team: Payment Page, Frontend (PureScript, Java, JS)

– Conducted induction for a new team comprising 10-12 developer interns and 5 new managers joining the Payment Page team; subsequently transitioned into the role of Engineering Lead for the team.
– Refactored the Purescript codebase to optimize compilation time, reducing it from more than 30 minutes to 5 minutes, and significantly enhancing developer productivity.
– Integrated the Offers module into the payment page, developing necessary framework support for seamless offer application.
– Facilitated seamless integration with Juspay's client, streamlining the onboarding process for payment SDK integration.
– Migrated repositories from the in-house CI/CD pipeline to a Jenkins pipeline, adopting the Semantic Release standard for versioning.

Associate SDE   *Jul 2019 – Jun 2021*

Team: Payment Page, Frontend (PureScript, Java, JS)

– Implemented pre-rendering in the company's internal cross-platform app framework, achieving a 66% reduction in first-screen render time on Android devices.
– Collaborated across teams, bridging Data Engineering and Payments SDK, to enhance analytics efficiency and ensure data correctness.
– Led payment instrument integrations on the payment page, supporting UPI, Cards, and other payment flows.

Team: Data Engineering, Backend (Haskell, Python, Bash)

– Contributed to the migration of Sessionizer from Python (Hadoop-based) to Haskell (Streamly Framework).
– Reduced iteration time for Sessionizer migration from days to hours by writing shell scripts to validate and compare migrated Sessionizer outputs.
– Developed a Haskell-based alternative to Fluentd for efficient data collection from Kubernetes pods.
– Managed deployments and operations within Kubernetes environments.

FP Frontend and Backend Developer Intern   *Dec 2018 – Feb 2019*

– Enhanced Android application performance by up to 10% in the company's internal cross-platform framework by optimizing the communication layer between JS and Java.

Skills

Framework React, Android Native, Streamly, Presto (Halogen)
Languages Haskell, PureScript, Python, ReScript, JavaScript, Java, Bash
Testing Pytest, Docker, Jenkins, Katalon

Education

Pune University, Government College Of Enginering and Research, Avasari(kd)   2015 – 2019
Bachelor of Engineering in Computer Engineering (8.06 CGPA)