Parashuram Joshi
Senior Software Engineer

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Dedicated senior software engineer with 7+ years of experience building scalable, maintainable, and secure systems. Passionate about solving complex challenges, mentoring engineers, and driving impactful technical products.

SKILLS

Tools and Languages	Python, Javascript, Go, Git, Docker, AWS
Frameworks / Database	Django, React, Postgres, Redis, MongoDB, MySQL, Kafka

TECHNICAL EXPERIENCE

Career Break   **Jun 2025 - Present**
Full-time Parenting

- Spending time with our first born.

Avoma - Senior Software Engineer   **Oct 2022-May 2025**
Revenue Intelligence

- Reduced onboarding reducing failure from 60% to 5%. Improving schema moving from text to JSON, MinifiedSerializers, sync mechanism to be deterministic, moved non-critical components to be asynchronus.
- implemented caching layer to count the number of API calls across granular object type and methods.
- Scaled CRM objects associations from 1M a day to 5M, reduced note sync error rates from 30% to 5%. involved retroactive syncing, moving associations asynchronous, product changes to explain why sync failed, and providing action items to resolve.
- Integrated with 13 dialers, handled auth, webhook, pooling, tests, and speaker identification.
- Implemented reconciliation, and reduced error rates on polling and webhooks by 60% built retries on errors, handled backoff, scaling workers and queues.

Platform Engineering

- Implemented pre-commit and ensured smooth rollout across the Django backend, refactored test suits to reduce CI time by 50%.
- Implemented SSO Login, Worked on service provider flow (SP metadata, sso url), separated calendar, and login providers.
- Migrated to django 4.2, involved in updating data models, and moving deprecated packages.

Rippling - Software Engineer   **Jun 2018 — Mar 2022**
Rippling Identity Provider

- Implemented user-supported attributes title and role for just-in-time provisioning.
- Built internal tool to add support for SAML applications, used to integrate 50+ SAML applications with Rippling
- Built username, password analyzer tool for Rippling password manager, improved success rate of filling passwords by 30%

Ramp <-> Rippling Card Management

- Lead the design, development and launching of integration.
- Added unit,integration and UI tests, rolled out v1 and v2 version of product.
- Project improved app installations across Ramp and Rippling 10 installations -> 85 installations.
- Blog: https://www.rippling.com/blog/introducing-the-rippling-ramp-integration-for-automated-corporate-card-management.

401k Integration

- Built common data format for the employee and payroll data to be fed into sftp systems of 401k partners
- Built the UI to make most of the data collections self serve.
- Went on to become separate revenue stream for a company 100+ companies adopting over 6-8 months

User provisioning integrations

- Built from 10 apps to around 200 apps currently, most of them are listed here https://www.rippling.com/app-shop.
- Worked on retry mechanism, capabilities, authentication systems, unit and integration tests.
- Worked with product and support to track provisioning failure rate across apps, gamified the experience, Improving the error rate from 20% to 5%.

Education Zen - Software Engineer   **Apr 2018 — Jun 2018**

- Generated pdf on page load using phantomjs, javascript, automated installation of Nginx and uwsgi on Amazon EC2 instance using a shell script.

Tata Consultancy Services - Assistant System Engineer   **Dec 2016 — Mar 2018**

- Automated server restart using shell script, python, and selenium, SAS and Peoplesoft application administration

EDUCATION

Bachelor of Engineering in Computer Science - Basaveshwar Engineering College - Jul 2016,