

# RESHAM SAPKOTA

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## EXPERIENCE

### • Chargebee India

August 2023 - Present

Software Engineer

Remote

Java, TypeScript, Python, Spring Boot, PostgreSQL, Splunk, Webhooks, Quartz Scheduler, AWS

- Co-designed and built a merchant risk-screening **microservice** to automate risk evaluation, reducing manual review time from **days to minutes**. This enabled **thousands** of automated daily assessments and eliminated manual provisioning bottlenecks.
- Engineered an SFTP-based financial workflow (Account Updater & Chargeback Management) leveraging **Quartz scheduling** and async queues to **automate reconciliation**, significantly **reducing payment failures** and ensuring uninterrupted **recurring revenue streams**.
- Co-engineered the API design and full-stack PCI SAQ-A self-attestation feature (Vue.js/Webhooks), replacing a **week-long** manual workflow with an **instant** self-service automation.
- Co-developed an event-driven **email notification** framework utilizing Amazon SQS and Mustache templates to **decouple critical events** (disputes, chargebacks). Ensured reliable, **at-least-once** delivery of financial alerts, enhancing operational transparency for **thousands of merchants**.
- Expanded the global payment footprint by integrating Direct Debit methods (ACH/BACS/SEPA) and new gateways (Paystack), managing the full SDLC. These integrations enabled cross-continent payment acceptance (US, EU, Africa), contributing to an estimated **\$4M+** in the new business pipeline.

### • Chargebee India

January 2023 - July 2023

Software Engineer Intern

Remote

JavaScript, Vue.js, GraphQL, Prisma ORM, MySQL, JWT Authentication

- Co-developed an internal tool for feature usage metrics and visibility across configuration setting for accounting integrations, empowering team to focus development on high impact areas **saving hours** of manual analysis and decision making.
- Co-developed a full-stack, SSO-enabled, database-agnostic internal data browser with IAM controls, significantly reducing provisioning time by over **90% (from hours to minutes)** and enabling engineering teams to access masked, multi-database environments instantly.

## EDUCATION

### • Vellore Institute of Technology

May 2023 - December 2019

B.Tech Computer Science and Engineering

Vellore, India

- CGPA: 8.60/10

## PROJECTS

### • Studentry: Manage Student Life At Ease



EJS, Express.js, Node.js, MongoDB

- A student digital companion service that helps students manage academic activities and resources alongside non-academic tasks. Built with features like event handling, counselor integration, and timely reminders through different channels built as part of academic project.

### • Small Store Management System



PHP, MySQL

- A store management service that centralizes key operations including inventory lifecycle management, detailed transaction record-keeping, and streamlined billing processes. The system was built using PHP, HTML/CSS, and MySQL for persistent data storage.

## SKILLS

- **Languages and Frameworks:** Java, Python, Javascript, Typescript, Vue.js, Spring Boot, Node.js, SQL, HTML/CSS
- **Backend Development:** REST API's, Webhooks, Quartz Scheduler, sFTP, Prisma ORM, JWT, Junit, Gradle
- **Cloud and Infrastructure:** AWS, Docker, MYSQL, PostgreSQL, MongoDB, Github Actions(CI/CD), Message Broker (SQS)
- **Tools and Utilities:** Git, Splunk, Sentry, SonarQube, Snyk, IntelliJ, VsCode, Postman, Jira