

Soumya Veer

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Introduction

Full-stack Software Engineer with over 6 years of experience building user-centric products.

Skills

- **Programming Languages & Systems:** Ruby, Python, Node. ReactJS, Rails, Flask, Django.
- **Data & Messaging:** SQL, Redis, Kafka, PostgreSQL, MySQL.
- **Architecture & Scale:** Distributed systems, event-driven architecture, service-oriented architecture, domain-driven design, REST APIs, microservices.

Work Experience

EasyPost, Software Engineer, San Francisco, CA

June 2022 - Feb 2025

- Led multiple major Ruby and Rails version upgrades across core services without disruptions, ensuring compliance with security policies.
- Led the development of integrations with eCommerce platforms such as Shopify, WooCommerce, BigCommerce, and eBay, enabling all EasyPost users to seamlessly connect their stores with EasyPost services.
- Enhanced authentication and access management by implementing granular user role controls (doubling adoption), multi-user login capabilities, and decoupling credentials from users, reducing credential exposure risks and enabling future features such as MFA and audit trails.
- Modernized inter-service communication encryption by replacing legacy schemes with libsodium, enhancing system performance and security.
- Technologies: Python, Flask, Django, Ruby, Ruby on Rails, JavaScript, ReactJS, PostgreSQL, MySQL, Redis, Kafka.

Roostify, Software Engineer, San Francisco, CA

Feb 2019 - June 2022

- Developed a microservice to pre-fill loan applications using external customer information systems. This reduction in user data entry greatly increased data accuracy and loan application completion rates.
- Developed Home Equity Line of Credit (HELOC) loan features for the Roostify mortgage product. This enabled Roostify clients to offer HELOC products to their loan applicants.
- Developed REST APIs for Roostify's revised Uniform Residential Loan Application product based on new mortgage regulations. This enabled client products to process loan applications in compliance with regulations starting on May 1st, 2021.
- Developed features to let clients white-label and customize email communication to borrowers and loan officers.
- Set up continuous integration and deployment using CircleCI to automate and speed up the deployment process. This reduced the manual work to perform deployments.
- Technologies: Ruby, Ruby on Rails, Sidekiq, JavaScript, ReactJS, PostgreSQL, MySQL, HTML5, CSS3, RSpec, Jest, Cucumber, CircleCI, Git, Heroku.

University of Houston, Math Tutor, Houston, TX

Jun 2014 - May 2015

- Taught undergraduate algebra, geometry, business calculus, and other math-related courses to 20+ students per week, improving GPA scores by 0.5 on average.

Infosys, Systems Engineer

Nov 2009 - Oct 2012

- Managed client Oracle databases using EPC and SQL for Telnet.be, reducing error margins in resolving issues by 5%.
- Automated customer data usage report generation in Java and SQL; reduced 5 hours per week of manual data entry.
- Diagnosed and fixed 20 bugs per week for Bank of America applications using Unix, Linux and Java, reducing

error margin by at least 30%.

Education

Flatiron School, Full Stack Software Engineering	2017-2018
Master of Science in Electrical Engineering, University of Houston	May 2015
Bachelor of Engineering in Electronics & Communications Engineering, Visvesvaraya Technological University	May 2009

Leadership & Awards

Ambassador, She Geeks Out	2019 - Present
Employee of the month, Roostify	Dec 2019
Hackathon winner (in a team of five), Roostify	August 2019
Women Take Tech scholarship for Flatiron school, She Geeks Out	2018

Certifications

Microservices Foundation, LinkedIn Learning	May 2022
Learning Go, LinkedIn Learning	Apr 2022
Algorithms, Coursera	Jan 2021
React Nanodegree, Udacity	Dec 2019
Algorithmic Toolbox, Coursera	Jun 2016
Programming for Everybody (Python), Coursera	Sep 2015