

Rihan Pereira

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Experience

California State University, Channel Islands

California

Technology & Innovation Student Assistant

Aug 2019 – present

- Maintained university website, performed server upgrades and monitoring.
- Incharged of administrator operations which includes imaging new hardware with OS of choice, encrypting disks, running diagnostics, install/configure network printers, maintaining zoho inventory of active computers on-campus, as well as in-person customer support.

Bitstreet Technologies

Mumbai

Software Developer

Jan 2016 – Jan, 2018

- Awarded and recognized as a top performer, best performing team, meeting expectations plus performance for the year 2017.
- Lead effort to incorporate git-flow model to manage multiple code repositories, improving developer productivity and ease of code deployment by 25%.
- Developed features such as on-chain/off-chain transactions by integrating third-party payment gateways such as paypal, stripe, bitgo as well as in-house, standalone bitcoin core and bitcoin cash nodes.
- Implemented salt & hashing and Multi-factor Authentication(2FA) with backup and recovery options to secure user accounts.
- Minimized friction during API integration with UI by transforming existing REST API calls from level 0 to 3 based on Richardson Maturity Model(RMM).
- Added functionality to perform HMAC signing and Nonce between internal SOA services.
- Built a time-series data archiving program operating on multiple MongoDB collections and exposed stateless pagination API on top of it.

Aasaanjobs

Mumbai

Software Development Engineer I

Dec 2014 – July 2015

- Worked on end-to-end addon module that allows booking interview time slots using AngularJS and Python/Django REST framework.
- Dropped manual testing efforts to 30% by automating acceptance tests with phantomJS and Selenium.
- Refactored UI to be responsive to different viewports using Bootstrap, resulting in 45% increase in users retention.
- Wrote embedded js scripts to traverse heavy excel sheet data to fanout notifications.

Education

California State University, Channel Islands

California

Master of Science(M.S) in Computer Science

Jan 2018 – Dec 2019

- Designed, developed, and deployed Whirlpool - a continuous, topical crawler on AWS that doesn't overhaul seed servers as part of final master's project.
- Lo-fi sketches & codework on two-way length converter & a quick prototype of interactive dashboard in a week - train/load/save handwritten digit classifier based on supervised ML and display metrics of its performance.

St. Francis Institute of Technology

Mumbai

Bachelor of Engineering(B.S) in Information Technology

June 2010 – May 2014

Skills

java, AWS, CI/CD, Agile methodology, jenkins, docker, kubernetes, REST, graphql, rabbitmq, vim, intelliJ, python, django, flask, nodejs, javascript, express.js, html5, css3, react, memcached, SQL, NoSQL, mongodb, bash, git.