

Rihan Pereira

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Experience

Bitstreet Technologies

MUMBAI

Software Developer

Jan 2016 – Dec, 2017

- Incorporated git-flow model to manage multiple repositories, improving developer productivity.
- Contributions in logical and persistence tier of experimental wallet app bitcoin(BTC)/bitcoin cash(BCH) gateway integration, paypal/stripe sandboxes.
- Secured user accounts using salting & hashing and Multi-factor Authentication(2FA).
- Minimized friction during API integration with UI by transforming existing REST API calls from level 0 to 3 based on Richardson model.
- Added HMAC signing and Nonce to internal non-ssl services.
- Built a modular time-series data archiving program spread across multiple MongoDB collections and stateless pagination on top of it.

Aasaanjobs

MUMBAI

Software Development Engineer I

Dec 2014 – July 2015

- Worked on end-to-end addon feature to book interview time slots.
- Acceptance tests automation using phantomJS reduced manual tests efforts considerably.
- Refactored static pages to enhance user experience with responsive UI.
- Wrote js scripts to traverse heavy excel data to fanout notifications.

California State University, Channel Islands

CALIFORNIA

Technology & Innovation Student Assistant

Aug 2019 – present

- provided IT helpdesk support which involved imaging/upgrading/assembling/troubleshooting/decommissioning computers, maintaining zoho inventory, as well as onsite customer service.

I maintain my list of active and past projects at [rihbyne.github.io/diy](https://github.com/rihbyne/diy).

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 [dash-board](#) 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

Tools & Programming: python, javascript, node.js(es6), java, AWS, CI/CD, jenkins, docker, kubernetes, REST, rabbitmq, vim, intelliJ, django, flask, express.js, memcached, mongodb, NoSQL, SQL, git.

Achievements

- Awarded and recognized as a "Top Performer", "Best Performing Team", "Meeting Expectations Plus Performance" for the year 2017 at [Bitstreet Technologies](#).