

Rihan Pereira

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Experience

Bitstreet Technologies

MUMBAI

Software Developer

Jan 2016 – Dec, 2017

- Managed multiple repositories using git-flow model among team of 4 developers.
- 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).
- **HMAC & Signing** applied to JSON-REST API calls.
- Studied & implemented **Nonce** between internal services.
- Built a **time-series** data archiving program spread across multiple MongoDB collections and stateless cursor based **pagination API** on top of it.
- Used **software multitenancy** on application server for resource sharing among different tenants.

Aasaanjobs

MUMBAI

Software Development Engineer I

Dec 2014 – July 2015

- Refactored and wrote new responsive UI.
- Wrote Javascript code to handle REST endpoints and render dynamic html views.
- Wrote automated UI tests using PhantomJS - headless browser environment.
- Wrote python/js scripts to traverse spreadsheet data to fanout notifications.
- learned hands-on git best practices - resolving merge conflicts, branching, hotfixes, stash, interactive rebase.

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.

Education

California State University, Channel Islands

CALIFORNIA

Master of Science(M.S) in Computer Science

Jan 2018 – Dec 2019

- Designed, developed, and deployed continuous topical crawler on AWS as part of master's **project**.
- Lo-fi sketches & codework on two-way **length converter** & interactive **dashboard** - 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**.