Rihan Pereira

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Experience

Bitstreet Technologies
Software Developer
Mumbai
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.
- 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
Software Development Engineer I
Mumbai
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
Technology & Innovation Student Assistant
California
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
Master of Science(M.S) in Computer Science
California
Jan 2018 – Dec 2019(expected)

- Currently working on continuous, topical crawler with deployment on AWS for my 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.

Mumbai University, St. Francis Institute of Technology
Bachelor of Engineering(B.S) in Information Technology
Mumbai
June 2010 – May 2014

Skills

Tools & Programming: python/javascript/node.js/java, html5/css3, react(*learning*), aws solutions architect, rabbitmq, docker, vim/intelliJ, django/flask/expess.js, memcached, mongodb, nosql, mysql, git.

Achievements

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