

Rihan Pereira

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EDUCATION

MUMBAI UNIVERSITY

BE IN INFORMATION TECHNOLOGY

July 2010-2014 | Mumbai, MH

St. Francis College of Engineering

THOMAS BATISTA J COLLEGE

GRADE-12(SCIENCE)

Feb 2010 | Mumbai, MH

ST. AUGUSTINE HIGH SCHOOL

GRADE-10

March 2008 | Mumbai, MH

LINKS

blog:// swlogs.me/blog

DIY Projects:// swlogs.me/DIY

goodreads:// goodreads.com/rihbyne

gitHub:// [rihbyne](https://github.com/rihbyne)

soundcloud:// [@rihan](https://soundcloud.com/@rihan)

quora:// [Rihan-Pereira](https://www.quora.com/Rihan-Pereira)

COURSEWORK

UNDERGRADUATE

Intro. to Computer Science

Data Structures and Algorithms

Object-Oriented Design and Principles

Operating Systems

Cryptography

Computer Networks

Database and Storage Management

Software Testing and Quality Assurance

SKILLS

PROGRAMMING

Extensive:

NodeJS • Python • Javascript • Unix

Git • Emacs

Comfortable:

Java • NoSQL • SQL

Familiar:

Memcache

ACHIEVEMENTS

2007 1st/10 Inter-Class Music

2006 1st/13 Inter-Class Music

2004 2nd/5 Inter-Class Art

2004 3rd/6 4x100 Mts. Relay,Sports

2002 2nd/6 4x100 Mts. Relay,Sports

EXPERIENCE

BITSTREET TECHNOLOGIES | SOFTWARE DEVELOPER

Jan 2016 – present | Mumbai

- asa

AASAANJOBS | SOFTWARE DEVELOPMENT ENGINEER

Dec 2014 – July 2015 | Mumbai

- Exercised acquired understanding of DVS tool **Git**, learned to resolve merge conflicts, branching, hotfixes, stash, git-flow.
- Refactored and wrote new responsive static UI.
- Wrote Javascript code to handle CRUD endpoints and operate on it for dynamic UI experience.
- Applied understanding of Python/Django MVC, used Django's built-in ORM to write aggregate queries in controllers.
- wrote python/js scripts to perform database cleanup and automate SMS triggering.

GOOGLE SUMMER OF CODE 2013 | PROJECT PARTICIPANT

April 2013 – June 2013 | Google Melange

- Drafted a technical project proposal about automating bug reporting for participating organization **Tim Videos**.

GLOBAL POINT SOLUTIONS | SOFTWARE ENGINEERING INTERN

Jan 2013 – March 2013 | Mumbai

- Worked with frontend team to design and improve UI using JS, HTML5, CSS, Grid Layout .

PROJECTS

ELECTRICAL APPLIANCE CONTROL & INTEGRATION

Feb 2014 – April 2014

- Final year undergraduation project inspired from Internet of Things(IoT), machine to machine(M2M) concept.It makes use of Open Source hardware, Raspberry Pi.
- The request routing logic is written on top of Express middleware framework and deployed on **Node.js** application server running on Raspberry Pi.
- The logic is then exposed as REST like web service endpoint which is then invoked from a Web-app/Command-Line(CLI) client.

BEATBOX

Sep 2013 | rihbyne/Beatbox

- Beatbox is a Java Swing GUI program.It has 16x16 checkbox grid.It makes use of java MIDI library to generate eclectic sound patterns.
- Loops over checked checkboxes on different sound patterns.
- The app can save/restore patterns state and adjust tempo as well.

QA QUIZ

Sep 2013 | rihbyne/Quiz-form

- QnA Quiz is a web-based UI quiz written in js, xhtml, css.It notifies the correct choice for wrong solution and accordingly increments the score.