MITESH SHAH

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StackOverflow: https://mitesh.ninja/s/stack

Academic Performance

B.E in **Computer Engineering** (2013-2017)
- Thadomal Shahani Engineering College, Mumbai
- GPA (till Sem VI) -

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	**AVERAGE**
7.17	7.96	8.29	7.54	8.17	8.92	**8.0083**

Class 12 - AISSCE, CBSE
- R.N. Podar Senior Secondary School, Mumbai
- Boards: 90.4%

Class 10 - Secondary, CBSE
- R.N. Podar Senior Secondary School, Mumbai
- Boards C.G.P.A.: 10.0 (out of 10.0)

Work

Full Stack web developer at Mahabali Innovative Technologies:
Developed a production ready flask web application using Python and deployed it on a linux VPS behind an nginx server using the uwsgi protocol to interact with the web application. Also deployed capabilities to send and receive email customized to the client requirements with web-hooks installed in places to make sure the emails are getting delivered. Website is capable of handling a load of over 1000 concurrent connections at any given time, and easily scalable by upgrading the server.

Projects

Ninshu: A complete compiler/interpreter for a self made programming language which borrows its syntax from C and Python. Lexing, tokenization and parsing is done using PLY, python ports of lex/yacc. The parsed code is then converted ianto an abstract syntax tree using the visitor dispatching method after which it is run over and interpreted.

ghPublish: A complete command line blogging solution using GitHub Pages. It allows the users to start publishing posts on their jekyll and github powered blogs instantly. Supports authentication by creating api access tokens and storing them locally for multiple users. Posts written in markdown can be rendered to html and previewed locally. It uses the GitHub API and hence does not need git and jekyll installed on the client system.

dystic - A static site generator using dynamic principles. Instead of using dynamic code and accessing a server side database, it treats the filesystem itself as a database creating a complete static website. Supports selective building, and hierarchical WYSIWYG model of structuring content. Also supports complete markdown rendering and html templating.

sakura - A drop in css framework which works out of the box on your entire site without having to change anything in your existing HTML files. It works directly on inbuilt HTML tags and is completely responsive for mobile usage. Supports duo-tone color customization.

VisaApplication: Android application to process and manage visa applications of employees. All the data and business logic is stored in a remote server which is accessible using a json api. Provides email notifications to users who registered or have been selected by the higher staff to be selected for further processing.

Mini-Projects

wallPy - Command line wallpaper changer fetching data from custom multireddits using praw api. Filters out NSFW, out-of-ratio, low resolution images and also avoids duplicates by hashing image content.
ChatNinja - JavaFX application for multi-user chatting.
phpBlogNinja - Complete blog from scratch with user authentication and registration implementing CRUD for posts and comments using the LAMP stack.

Extra Curricular Activities and Hobbies

Tech Blog: I maintain a blog about programming and software at **http://computableverse.com**
Programming: I recreate certain softwares for personal use and **open source** it on **github**.

Achievements

StackOverflow: Ranked among the **Top 8% contributors Globally** to StackOverflow this year.
FinanceGYM: Won a strategic competition in a simulated environment about financial investments and portfolio planning sponsored by **L&T Mutual Funds** in association with the learning curve academy.

A soft copy of this document is available at **http://miteshshah.com/resume.pdf**