

Pratik Shenoy

CONTACT

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OBJECTIVE

To work with an organization that provides me an opportunity to grow and to enhance my potential, to excel in the area of my interest so as to help the organization in accomplishment of its goal.

PROJECTS & INTERNSHIPS

Biomatiques

May 2015 — June 2015

Summer Trainee

Worked in R&D Department in **Digital Image Processing** for a recent product being used by Govt. Of India for generating Unique Identification Card.

- Built Automation Scripts in C using libpng and libjpeg libraries.
- Implemented Convolution filters, Thresholding and Histogram Equalization.

Reliance Industries Pvt Ltd

December 2013 — January 2013

Intern

Developed Java **Web Services** at MIS (Management Of Information Systems)

Department. Used JDBC for remote database connection on Oracle 10g server and implemented connection response using SOAP protocol.

Microsoft Imagine Cup

January 2015 — April 2015

Project Lifeplus

Designed and Developed a social networking website for doctors and patients which has an built-in Learning system which helps the website evolve with time. The website was also extended with a windows mobile app. Also, built a common API that could be used on other platforms.

- Achieved **World Rank 1** and Prize money of \$3000 in UX/UI Design (World Citizenship Challenge).
- **Honorable Mention** for Blueprint Challenge.
- Technologies used **Azure Cloud, PHP, Neo4j** (graph database), HTML, CSS, C#, Javascript.

Webarch (College Club)

April 2012 — Present

Team Lead

Designed and Developed Websites and Android Apps for National level college Tech Fest "Aaruush" and other college symposiums.

- Setup **Private Cloud Servers** on Digital Ocean.
- Used **Github** as Version Control System for faster code implementation and team work.
- Developed Web Sites and Apps.

SRM Search Engine (College Project)

January 2015 — Present

UX/UI Designer

- Implemented **UX/UI Architecture and Design**. Built
- Wireframes and Blueprints for the web design.
- Used HTML, CSS, Javascript (Jquery and Bootstrap) for production level code.
- Caching and using HTML5 for local storage of user details.

An **Augmented Reality** Windows Phone 8 application, as an R&D project under (Mr. Karthik - Research Associate). App shows in-college locations on the camera view of the user. The user then can tap on the location to find out more details and also can navigate to the location.

Genre-ist (College Project)

January 2015 — April 2015

Developer

A Web App that uses Machine Learning to detect genre of music uploaded by the user. The project used FFT, Mel-cepstral coefficients and KNN Algorithm. The implementation on machine learning was done using numpy and scipy libraries of python.

- Used GTZAN data-set for implementing learning and result obtained was in form of a confusion matrix.
- Technologies Used: Bootstrap, Wavesurfer.js, HTML5, PHP, Python.

AREAS OF
INTEREST

Human computer Interaction, Cloud Administration, App Development, Graph Database and Designing.

PUBLICATION

Music Genre Detection Using Machine Learning, *Gahan Rakholia, Pratik Shenoy, Saksham Chitkara*, ICAECS 2015.

CO
CURRICULAR

- Microsoft Student Partner, SRM University.
- Technical Head, CSE Association.
- Committee head - Online Events, college tech fest "Aaruush '14".
- Participated as Delegate of Afghanistan in SRM-MUN'13.
- Participated as Delegate of Palestine in CC-MUN'12.

SOCIAL WORK

- Volunteer, Green Nest NGO (June 2013 - August 2013).
- NSS Volunteer (June 2012 - May 2013).
- Scouts Governor Award (May - 2010).

EDUCATION

B.Tech (Computer Science & Engineering)

August 2012 — Present

SRM University, Chennai

Currently having **8.96** CGPA (VI Semester).

Class XII

July 2012

J . H. Ambani School, Surat

Secured **89.8%** with subjects Maths, Chemistry, Physics and Computer Science (CBSE Board). **School Topper** in Computer Science.

Class X

July 2010

J . H. Ambani School, Surat

Secured **9.8** CGPA (CBSE board).