

EDUCATION

New York University, Brooklyn, NY**05/16**Master of Science in *Computer Science*, GPA: 3.33/4**Birla Institute of Technology, Jaipur, India****06/13**Bachelor of Engineering in *Computer Science and Engineering*, GPA: 8.02/10**Related coursework**

Design and Analysis of Algorithms, Principles Of Database System , User Experience Design, Introduction to Operating Systems, Compiler Design, Computer Network, Data Structures, Artificial Intelligence, Java Programming.

TECHNICAL SKILLS

Programming Languages: C, C#, C++, Java, Php, Python, JavaScript**Database Management:** MongoDB, Parse, Oracle, MySQL**Web Technologies:** HTML, Dot Net, Silverlight, CSS**GIS Software:** Small World**WORK EXPERIENCE**

Full Stack Engineer at Ensa.com, New York**02/16 – Present**

- Ensa uses health and fitness apps with medical records to give wellness recommendations to the users.
- Defining and developing requirements for the redesign of web and mobile application.
- Analyzing and refactoring codebase to make structural improvements.
- Conceiving, designing and implementing machine learning and artificial intelligence recommendations.

Application Developer at FITL, NYU Polytechnic School of Engineering**07/15- 12/15**

- Working on a Tracker Application which keeps track of students and tutors signing in for a class.
- The Application has an admin section which creates/edits student and tutor details, generates relevant reports, blocks/unblocks students, manages accounts and gets live information on classes running currently.
- Added a Single Sign feature in the application so that students and tutors won't have to spend time logging in for cancellation and rescheduling the classes.
- **Technologies Used:** Javascript, MySQL, PHP, CSS3, HTML5

Database Design and Administration Intern at CookieSmart Inc., New York**03/15- 05/15**

- Designed Database using Parse on MogoDB for Cookie Smart EHR.
- Used Cloud Codes as a medium to enhance the speed of data fetching and updating from database to app.
- **Technologies Used:** MongoDB, Parse, Python, JavaScript

Software Engineer Intern at Urban Art Beat, New York**09/14- 02/15**

- Redesigned the whole website.
- Used CSS3 to design essential parts of the website.
- **Technologies Used:** PhP, CSS3, HTML5 , Word Press

Application Developer at IBM India Pvt. Ltd., Gurgaon, India**08/13 - 07/14**

- **Project:** Airtel Africa GIS (Geographic Information System).
- **Main Objective:** Implementation of a network inventory system for 17 operating countries.
- Worked on a module on Silverlight framework for GSA Lite Application
- Operating Country (OpCo) Head for Gabon, Africa.
- Tested business data, A2GIS thin client (Silverlight Application) and thick client (Smallworld application).
- **Technologies Used:** Silverlight SDK 5, Visual Studio 2012, GSA Lite Server, GSA Professional, Oracle 1g

Research Assistant at Birla Institute of Technology, India**05/12 - 08/12**

- Project - Motif Discovery using Genetic Algorithm under Dr. Shripal Vijayvargiya
- Programmed the necessary components that can be attached to main research project.
- Modified FMGA & NSGA by using pareto optimal solutions, clustering technique and fitness functions.
- **Technologies:** Java SDK 1.6, Eclipse Indigo, Tmod.

ACADEMIC PROJECTS

goruntuKARTI, New York University**03/15 - 05/15**

- Designed a web based service that allows user to maintain an online picboard with pictures that they like and find and want to share with others.
- User can sign up, make multiple picboards, pin multiple pictures, add friends, like pictures, repin pictures that they find on other board and can comment on their friend's picture.
- **Technologies:** MySQL, PHP, Javascript, HTML5, CSS3

Gotham Space Agency – UX Research Project, New York University**09/15 - 11/15**

- Worked for Gotham Space Agency, a non-profit organization as an academic project where our task was to create an entire online User Experience.
- Our group worked on Pre-Launch phase where our Target audience were teachers, donors and parents.
- **Technologies:** Axure, Illustrator