# Kaveri Biswas

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## Career Objective

Seeking a position in Software Development projects where I can contribute, learn and build a career.

## Education

### Master of Science in Digital Society

International Institute of Information Technology Bangalore | Jul 2019 – July 2021
CGPA: 3.05 / 4

### Bachelor of Science in Information Technology

St. Xavier's College (Autonomous), Mumbai | Jun 2013 - Jun 2016
CGPA: 3.1 / 4

## Certification

- Responsive Web Design from FreecodeCamp in 2021
- Digital Skills: User Experience (Accenture) from FutureLearn in 2021

## Professional Skills

- Qualitative and Quantitative Research
- User Research
- UX design principles
- Data collection and Analysis
- Others: AdobeXD, Technical Writing and Report Writing

## Technical Skills

- Language: Python, Java, SQL, JavaScript
- Web Technologies: HTML5, CSS3, Bootstrap, jQuery
- Tools: Tableau, MySQL
- Others: Rest API, Data visualization using Python, MS-Excel

## Personal Skills

- Creative Spirit
- Reliable and Professional
- Organized
- Time Management
- Fast Learner
- Motivated

## Work Experience

### Research Intern

**International Institute of Information Technology Bangalore** | *Jan 2021 – June 2021*

- Worked on a research project titled, "Formal Specifications of Web Application using Statecharts". My work consisted of developing large case-studies of statechart models corresponding to real-life applications (example, Hostel Management System).
- Formalizing Statechart notations will help the use of formal methods in a wider range of application domains. Formal methods facilitate the understanding required to coalesce the various phases of software development into a successful endeavor.
- Contributing to identifying properties to be verified in the application.
- Applying various verification tools, both home-grown and off-the-shelf, in formal verification of these models

### Teaching Assistant

**International Institute of Information Technology Bangalore** | *July 2020*

- My responsibilities included assisted teaching staff in preparing the classroom and lesson plans for web development course, documenting each student's work for evaluations
- Provided assistance in classroom when conducting curriculum based group lessons
- Mentored 18 students in 1$^{st}$ semester MSc Digital Society

### System Engineer

**TATA CONSULTANCY SERVICES** | *Jan 2017 – Jul 2019*

- Worked as Primavera Unifier Techno Functional Consultant for GE Grid Solutions. My responsibilities included requirement gathering, preparing design documents, designing, and deploying business processes.
- Designing various comprehensive user-defined reports using SQL queries
- Closely working with clients to provide problem solutions.

- Provided limited Primavera P6 training and support to in-house resources and field offices.


## Academic Projects

### Interactive Visualization of Statistical Reports
- Focusing on the "Handbook of Fisheries Statistics 2018" by the Department of Fisheries communicating data effectively using interactive and narrative visualization using Tableau
- Conducted User study with 10 participants to understand an effective method for interpreting statistical data

### Sentiment Analysis of English and Hindi Song Lyrics
- Using NLP and text analysis, created a model that determines the sentiment (positive and negative) of the song lyrics
- Dataset: English Song lyrics was taken from Kaggle; Hindi Song lyrics was created by using web scraping method from various lyrical websites

### User Research on Understanding the Role of Food Delivery Applications (FDA) Among the Students of IIIT-Bangalore
- A qualitative research was conducted with interviewing 10 students for 30 mins
- Developed a low-fidelity (paper-prototype simulation mobile application) and high-fidelity prototype (using Adobe XD) in which the users can compare the price of meals in a shown in various applications

### E-commerce Web Application Development
- Using Django framework web application was developed to provide a platform for craft makers to sell their creations
- Functionalities include: login, register and adding items to cart
- Database: SQLite