# **Nikita Nemane**

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**EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

## **Data Analytics Developer (March 2022 - Ongoing)**

## Developing an extension to <https://datasourcenj.org/> to make New Jersey related datasets such as employment, construction permits, properties, etc. available to public along with a UI which can be used by a non-technical user to query using simple features to analyze the dataset and form useful relationships.

## Creating a common data model which can be extended to incorporate any public dataset along with capability to use machine learning algorithms for advanced data analysis such as identification of clusters, correlations and derivations.

## **Systems Engineer, Infosys Ltd (Oct 2019 to Feb 2021)**

## Worked as a Full Stack developer and well versed in front and backend technologies along with Database, Python, etc.

## Worked on various client engagements as a UI developer for Axa XL Reinsurance Project and an internal Talent Management Portal. **Talent Management Portal (Internal Project)**

### A Talent Management Portal to track employee staffing and other project activities.

### Responsible for Front end development using HTML, CSS, BOOTSTRAP, Angular material.

### **AXA XL Reinsurance (Client Project)**

### Redesigned legacy insurance applications to new user interface.

### Completed UI development using stylesheets, HTML, CSS, Bootstrap as well as script creation used in automated UI testing.

## **Web Development Intern, L&T Ltd -Realty Division (Dec 2017 - Feb 2018)**

## Developed and maintained Customer, internals user login portal for <http://www.lntrealty.com>

* Responsible for back-end Database development and UI Maintenance, fixing any bugs and errors in current underlying system, updating database and new development of website pages.
* Worked with various internal teams to understand business use case and gather requirements. Worked with stakeholders to review the design and overall solution.

**TECHNICAL SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

### **Programming Languages:** C, C++, Python, Java, JavaScript, Angular and Node JS, jQuery, HTML, CSS, Bootstrap, R, PHP,

### **Databases**: MySQL, Oracle, MS Access, Microsoft SQL Server, MongoDB, PostgreSQL, Redshift

### **Other Technologies and Services**: SOAP and RESTful web services, Spring, Django, JSON, XML,

**Other Tools:** Net Beans, Eclipse, VS Code Adobe CS, SQL Server management studio, MS Office.

### **EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

## **Masters In Computer Science-** New Jersey Institute of Technology (Spring 2023). GPA: 3.7/4

## **Courses:** Database Management Systems Design, Data Mining, Web Systems Development, Operating System, Data structures & algorithms, Information system principles.

## **Bachelor of Engineering** - Computer Science & Engineering (May 2019) Pune University.

**ACADEMIC PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Recapped: Automatic Text Summarizer**

* Developed a Text summarizer which will give appropriate summary of the document without missing out on important points.
* Used Natural Language Processing to train the machine to find out the important statements in the documents.
* Fuzzy Logic and Word Frequency Algorithm to generate ranking on sentences in the document which can be used to formulate a summary of the document. Designed and developed Fuzzy logic algorithm as well as user interface.

**Chronic Kidney Disease Classification**

* Created a tool which will help the doctors to diagnose kidney disease and predict the treatment. Used Data Mining and Prediction techniques to obtain accurate results.
* Developed a website to collect patient information and diagnosis predictions are calculated using python and libraries
* Gaussian Naïve Bayes algorithm is used to classify the value and predict the output if a patient has Chronic Kidney Disease.
* Designed and developed Gaussian Naïve Bayes algorithm in python as well as UI development of the website.