

# RAUNAK MILIND SATHE

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Dublin, Ireland

Visa Status - Eligible to work in Ireland without restriction for 2 years from March 2022 – March 2024 under the Stamp 1G Graduate Visa Scheme.

## Profile:

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A highly motivated and passionate individual currently pursuing Masters in Data Analytics at National College of Ireland with a Bachelor of Engineering in Electronics & Telecommunication from Savitribai Phule Pune University in India. I am an experienced software developer with a thorough understanding of core computer science concepts such as Object-Oriented Programming, Data Structures and Algorithms. Strong experience working with Java, JavaScript and JavaScript frameworks during my internships as a software developer intern. A coding enthusiast with experience working with front-end development, back-end development, database administration and full stack development. I am a confident, results oriented, "crust-worthy" team player and can adapt to working in a highly flexible collaborative environment. I have good communication and collaboration skills and enjoy continuous learning and development. I am highly ethical, organized and possess a keen desire to launch a career in the field of Information Technology.

The one thing I love the most about software engineering – It never gets "stale".

## Academics:

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**Jan 2021 – Present: National College of Ireland, Dublin, Ireland (Semester 1 – 1:1)**

### MSc in Data Analytics

**Modules:** Database and Analytics Programming, Data Mining and Machine Learning I, Statistics, Business Intelligence and Business Analytics, Data Mining and Machine Learning I, Domain Applications of Predictive Analysis, Modelling, simulation and optimization, Research in Computing.

**June 2013 – June 2017: Savitribai Phule Pune University, India**

### Bachelor of Engineering in Electronics & Telecommunication

**Core Modules:** Fundamentals of Programming Language, Object Oriented programming, Data Structures and Algorithms, System Programming and Operating System, Electronic Devices and Circuits, Integrated Circuits etc.

## Work Experience:

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**Symbiosis Centre for Distance Learning | Pune, India – Software Developer Intern**

**July 2019 – Oct 2019**

- Symbiosis is multi-faculty University with over 1000+ students pursuing various graduate, post graduate and research programs.
- Key responsibilities included developing, updating, enhancing and maintaining the application program according to the client requirements.
- Communicated with senior stakeholders and participated in all software engineering life cycles including development and production release.
- Worked closely with clients and customers which included prospective students on a day-to-day basis.
- Worked in a team to migrate the environment from Struts to Java SpringBoot.
- Played a key role in building a user interface using Angular and provided access rights to users

as per their designation.

- Efficiently communicated with cross-functional teams to reduce the development time for future applications by 30%

## **AIES | Pune, India - Software Developer Intern**

**June 2018 – June 2019**

- Developed and deployed scalable web applications. Eliminated bugs to improve performance and speed.
- Daily responsibilities included using SQL queries to fetch data as per client's requirement.
- Designed and implemented MySQL databases to support websites created.
- Designed, planned, and delivered projects on time with positive feedback from the customers.
- Worked across cross-functional teams and communicated efficiently to reduce the deployment time by 20% on average.
- Worked on tight schedules and deadlines and successfully accomplished team projects as well as individual projects.

## **Personal Projects:**

### **MERN stack-based grocery tick list application**

Developed the shopping list using MongoDB, Express JS, React, and Node.JS (MERN) stack.

The functionality included ability for users to create, update and delete items including the quantities to be added.

They also had the option to tick the item off the list if it was available.

### **Tic Tac Toe game using JavaScript**

The game was designed to be played between 2 players as per standard tic tac toe rules.

The added functionality was the scorecard which could be updated by the players.

### **Disappearing Dice game using JavaScript**

This was another standard game including just one player and based on random values function.

The user had to guess which was the correct dice and click on the dice and this was a purely luck-based game.

## **Key Skills:**

- **Programming Languages:** JAVA, JavaScript.
- **Markup scripts:** HTML/CSS.
- **Frameworks:** Bootstrap, jQuery, NodeJs, React.
- **Version Control software:** GitHub, GitLab.
- **Cloud Technologies:** AWS, Docker, Kubernetes, Jenkins.
- **Database:** MySQL, SQL Server, MongoDB.
- **IDE:** Eclipse, Sublime, VS Code, Android Studio
- **Operating System:** Ubuntu, Windows, macOS
- **Web services:** Java microservices, REST and SOAP web services.

## **Achievements and Hobbies:**

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Participation award for building a line-detector robot during university (2013-2017).

Volunteered for numerous charities focused on providing education for underprivileged children.

Volunteered, anchored and co-hosted various competitions and award ceremonies at school and university level.