

# NEETA SANCTIS

## SOFTWARE DEVELOPER

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## PROFILE

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Highly skilled technical professional with a strong background in developing and maintaining software applications, databases, and data analytics tools, with a focus on financial markets and data analysis. Proficient in leveraging technologies like C#, ASP.NET, MS SQL, Azure and Python to drive business insights, improve efficiency, and support data-driven decision-making in financial modeling, analysis and research. Proven ability to lead and collaborate with cross-functional teams to achieve ambitious organizational objectives. Strong problem-solving skills with a keen adaptability to evolving project needs. Dedicated to delivering innovative, high-quality solutions that drive growth and success.

## EXPERIENCE

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**Value Metrics** (an affiliate of Rational Investing LLC, US)

Mumbai, MH, India

Software Engineer (.NET Developer)

March 2020 – Present

- Developed and maintained a custom in-house website using ASP.NET, C#, and MS SQL, ensuring seamless integration between front-end interfaces and back-end databases.
- Developed a Windows application using C# to download and analyse financial data from Refinitiv Eikon (formerly Thomson Reuters) and Financial Modelling Prep (FMP), covering global markets with detailed Income Statements, Balance Sheets, and Cash Flow Statements (both annual and quarterly), for individual symbols or companies.
- Played a key role in migrating on-premises database to cloud using Azure SQL Database and Azure Storage, optimizing performance through monitoring and tuning.
- Designed, developed, and maintained the in-house Windows-based application using VB.NET, enabling efficient model creation, batch process valuation, data entry, and data extraction.
- Built and maintained Microsoft SQL databases, creating database structures, writing SQL queries, and developing stored procedures to enable seamless data exchange and integration with internal applications and systems.
- Developed VBA macros to extract financial data from multiple sources, reducing manual effort by 40% and enabling analysts to focus on higher-value tasks, significantly reducing their workload.
- Built Python web scraping tools to retrieve financial data from online sources, extracting summaries, historical data, statistics, and options for individual symbols and companies, and enabling efficient data analysis and modeling.
- Designed and implemented a database tool using VBA macros to automate fetching and updating of Treasury rates (1-year, 10-year), Libor rates, and FX rates.
- Assisted new recruits with project onboarding process and sharing knowledge to ensure a smooth transition.

## Intellect Software Solutions Pvt Ltd.

Mumbai, MH, India

Junior Software Engineer (.NET Developer)

July 2018 - January 2020

- Developed and implemented raw data feeds for Indian exchanges (NSE, BSE, and MCX) for real-time broadcast on trading applications.
- Built back-end servers and front-end applications for trading solutions, leveraging expertise in software development.
- Designed and developed front-end features for weekly options trading on NSE exchange, enhancing user experience.
- Automated daily MIS report generation for clients, streamlining reporting processes.
- Single-handedly developed the Scrip Security Information module for NSE commodity exchange, ensuring data accuracy and security.
- Designed and implemented Microsoft SQL databases, writing SQL statements and stored procedures to support data-driven decision-making.
- Collaborated with testing teams for functional and release testing to ensure smooth delivery of quality products.

## EDUCATION

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### St. Francis Institute of Technology, Borivali

Bachelor of Engineering, Electronics and Telecommunication

GPA: 3 / 4.0

2015 - 2018

### St. Xavier's Technical Institute, Mahim

Diploma, Electronics and Telecommunication

GPA: 3.28 / 4.0

2012 - 2015

## SKILLS

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- **Programming Languages:** C#, VB.NET, Python, VBA, JavaScript
- **Web Development:** ASP.NET, HTML, CSS
- **Database management:** Microsoft SQL Server
- **Cloud computing:** Microsoft Azure (Azure SQL Database, Azure Storage)
- **Development Tools:** GitHub, FileZilla, TortoiseSVN
- **Soft Skills:** Team Collaboration, Problem-Solving and Troubleshooting

## PUBLICATION

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Printing from a USB Flash Drive without PC, IEEE · Dec 19, 2019

<https://ieeexplore.ieee.org/document/8933799>

# INTERNSHIPS

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## **Creserve Solutions Pvt Ltd.**

February 2020 – March 2020

.NET Developer

Mumbai, MH

- Developed credit risk dashboards using C# and ASP.NET, providing real-time data insights and improving reporting efficiency by 20%
- Designed and implemented SQL databases to store and manage credit risk data, ensuring data integrity and security.
- Implemented a digital payment reminder section in the current Windows-based system, enabling automated notifications and streamlined payment tracking for clients.
- Collaborated with other team members to design and develop innovative solutions.

## **G10 Consultancy Digital Pvt Ltd.**

June 2018 – July 2018

Web Developer

Mumbai, MH

- Designed user-friendly websites, web banners, and optimized landing and home pages for enhanced user experience.
- Developed projects for clients like Simple Education Foundation, Tuna London, and Gundi Studios using HTML, CSS, Bootstrap, and WordPress.
- Prepared and submitted status reports to senior developers, ensuring project transparency and timely updates.

## **DECLARATION**

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I hereby declare that all the above details are true to the best of my knowledge and belief.

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NEETA SANCTIS