

JAY BAROT

Software Engineer

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☎ (615) – 779 – 0420

EDUCATION

Master's in Computer Science
Vanderbilt University

📅 May 2024, Anticipated

Bachelor's of
Information Technology
Xavier Institute of Engineering

📅 2016 – 2020

TEACHNICAL SKILLS

Programming Languages
Java, JavaScript, Python, C++, HTML, CSS

Web Technologies
Node JS, Angular

Other Technologies
Git, Docker, Postman, AWS, Mongo DB

PUBLICATIONS

Real Time Sentiment Analysis of Tweets on NASDAQ and NSE Stocks - **International Journal for Research in Applied Science and Engineering Technology (iJRASET)**.

Predicting NASDAQ and NSE Stocks using Machine Learning Algorithms - **iJRASET**.

CAREER OBJECTIVE

As an experienced software developer, I seek a challenging role to leverage my skills in creating innovative solutions that drive business success. With a passion for high-quality, efficient code, I look to collaborate with a team to push the boundaries of what's possible in software development. I aim to contribute to a dynamic organization that values creativity, innovation, and excellence.

PROFESSIONAL EXPERIENCE

Software Developer

Syrinx

📅 Dec 2021 – Jun 2022 📍 Tokyo, Japan

- » Optimized ML algorithms and successfully produced highly accurate noise-free signals.
- » Integrated advances that pioneered the aid given to laryngeal cancer patients who lost their voice due to medical condition.

Lead Programmer/Analyst

Ximple Solutions

📅 Jun 2019 – Apr 2021 📍 Maryland, USA

- » Developed an immense bundle of microservice **RESTful APIs** and reinforced it by combining modern **Java** features of functional programming.
- » Fabricated state-of-the-art web applications for the next generation of ERP and B2B E-commerce platforms using **JavaScript** framework **Angular**.

ACADEMIC PROJECTS

- » Designed a **Python** web application for effortless children's cancer donation.
- » Developed movie search app using **Java 19** and **Spring MVC** Framework.
- » Engineered SDN controller in Python for detecting DDoS attack in a **Docker** swarm network.