

Sreekar Vedula

South Brunswick, New Jersey | US Citizen

✉ sreekar.vedula@gmail.com ☎ +1-609-591-0274 🔗 [SreekVed](#) 🏠 [SreekVed.github.io](#) in [SreekarVedula](#)

WORK EXPERIENCE

Bank of America - Software Engineering Intern

Summer 2021

- Developed a comprehensive web dashboard from scratch to display and manipulate data from multiple databases across the bank.
 - Designed to be completely dynamic, the dashboard can be customized and expanded further without writing additional code.
 - Leveraged React.js, Express, Python and Node.js to aggregate data from Microsoft SQL Server and Oracle Database sources.
 - Deployed the finished product on a Windows IIS Server via a reverse proxy, delivering the project in a span of 6 weeks.
-

EDUCATION

Rutgers University (3.7 GPA)

New Brunswick, New Jersey

B.S. in Computer Science

Expected Graduation - May 2022

Relevant Coursework: Data Structures, Discrete Structures, Computer Architecture, Software Methodology, Principles of Information and Data Management, Design and Analysis of Computer Algorithms, Intro to Data Science, Intro to Artificial Intelligence

TECHNICAL SKILLS

Languages: Java, Python, JavaScript/TypeScript, C, SQL, HTML/CSS

Technologies: React.js, Node.js, Express, GraphQL, MongoDB, Next.js, Flask, Android, JavaFX, Swing, Git, Material UI, JupyterLab

PERSONAL PROJECTS

Social Networking Site

React.js, GraphQL, Node.js, MongoDB

🔗 [SreekVed/SocialNetwork](#)

- A Social Networking Platform where users can register/login to create and view posts, and can also like or comment on each post.
- The Front-End is built with React.js + Semantic UI, while the Back-End uses an Express + Apollo GraphQL Server and MongoDB.
- Authentication is handled using React Context, JSON Web Tokens, and Bcrypt, while the navigation is handled by React Router.
- Deployed on Heroku - [Social Networking Platform](#)

Algorithmic Day Trader

Python, React.js

🔗 [SreekVed/Algo-Trader](#)

- A Fully Automated Algorithmic Day Trading Bot that buys and sells stocks from the NASDAQ 100 index throughout the day.
- The Python Script runs several times a day and uses APIs in order to get market data and to place orders whenever needed.
- Analyzes and trades stocks based on a combination of technical indicators, averaging 100+ trades per day.
- The React Web UI can be used to track the live returns of the algorithm and is intended as a strategy performance demo.
- Deployed on Heroku - [Live Trading Performance Tracker](#)

Twitter Sentiment Analyzer

React.js, Flask

🔗 [SreekVed/Twitter-Sentiment](#)

- An Intelligent Text Sentiment Analyzer built with Python by utilizing VADER, a Natural Language Processing tool.
- The Flask Back-End uses the Twitter API to search, gather, and analyze the sentiments of up to 1000 distinct tweets.
- The React Front-End visualizes the retrieved data, featuring a Live Analysis graph as well as a Historical Sentiment graph.
- Deployed on Heroku - [Twitter & Text Sentiment Analyzer](#)

Photos

JavaFX

🔗 [SreekVed/Photos](#)

- A Powerful Photo Management desktop application built with Java using the Model-View-Controller (MVC) architecture.
- Multiple user accounts can be created, where each user can create their own albums to organize and store their pictures.
- Pictures can be given unique captions/tags, can be moved/copied between albums, and can be searched by their date/tags.