

Suhani Singhvi

+91 9660876378 | singhvi.s@northeastern.edu | [linkedin.com/in/suhani-singhvi](https://www.linkedin.com/in/suhani-singhvi) | github.com/singhivs

EDUCATION

Northeastern University

Boston, MA

Bachelor of Science in Computer Science and Business Administration, cum laude

Dec. 2023

Awards: Dean's List for 5 Semesters

Relevant Coursework: Software Engineering, Networks & Distributed Systems, Object-Oriented Programming, Operating Systems, Database Design, Data Structures & Algorithms, Programming Languages, Foundations of Data Science, Linear Algebra, Mathematics of Data Models, Financial Management, Managerial Accounting, Business Statistics

TECHNICAL SKILLS

Java, Python, C/C++, React, JavaScript, TypeScript, PHP, AWS, MongoDB, SQL (Postgres, MySQL), Docker, Git, Jest, Selenium, REST, LATEX, Agile/Scrum

PROFESSIONAL EXPERIENCE

KKR & Co. L.P.

New York, NY

Techonology Business Analyst Co-op

Jan. 2023 – June 2023

- Developed AWS Sagemaker AI algorithm, analyzing investor sentiments via call notes, enhancing deal evaluations.
- Improved investor sentiment analysis accuracy with a BERT-based model, achieving a 0.80 weighted F1-score.
- Created real-time Power BI dashboards to boost overall deal and revenue tracking, increasing visibility by 35% for targeted sales strategies.
- Designed Tableau dashboard for end-to-end deal life cycle tracking, reducing progress tracking time by 20%.
- Integrated diverse data sets into a unified platform using data modeling and ETL tools like Dremio, streamlining the data pipeline and automating the refresh process to ensure data accuracy and accessibility.

DipJar, Inc.

Boston, MA

Full Stack Software Engineer Co-op

Jan. 2022 – July 2022

- Refactored the codebase into a microservices architecture with a team of four, improving system scalability and maintainability.
- Developed RESTful APIs for a user-friendly JavaScript frontend (React, Sequelize).
- Led the integration of Stripe's payment processing API for the website front-end, streamlining transaction handling.
- Engineered MongoDB database with strategic indexing and query optimization, achieving a 25% reduction in server load during peak traffic periods.

Fusion Business Solutions Pvt. Ltd

Rajasthan, India

Artificial Intelligence Programming Intern

May 2021 – July 2021

- Collaborated with a team of six to automate form-filling by converting MP4 to text using Assembly AI, web automation, and NLP.
- Initiated and drove the creation of Python and Selenium WebDriver-based automated scripts, leading to a notable 52% reduction in form completion time.
- Collaborated closely with stakeholders to ensure seamless integration of automated processes into existing systems, optimizing operational efficiency and driving measurable business impact.

E Connect Solutions Pvt. Ltd.

Rajasthan, India

Full Stack Developer Intern

July 2020 – Sep. 2020

- Managed the development lifecycle with CI/CD using Heroku, achieving a 30% faster release cycle.
- Implemented comprehensive unit testing with Jest and React Testing Library, ensuring a 88% pass rate in automated testing scenarios.

PROJECTS

Raft Consensus Algorithm Project | Python

Nov. 2022 – Dec. 2022

- Built a Python-based distributed key-value store using Raft algorithm for leader election and data consistency.

Spreadsheet Application | React, Typescript

Oct. 2023 – Dec. 2023

- Developed a feature-rich spreadsheet application in React and Typescript employing the MVC architectural pattern, incorporating undo/redo, search, charting, and CSV export functionalities.