

# Raj Jagirdar

Boston MA | [jagirdar.r@northeastern.edu](mailto:jagirdar.r@northeastern.edu) | (908)-265-4780

## EDUCATION

**NORTHEASTERN UNIVERSITY, Boston, MA**

**May 2025**

*Candidate for Bachelor of Science Degree in Computer Science & Civil Engineering*

**GPA:** 3.82/4

**Activities:** Economics Society, Blockchain Club, NER Software, CASE, NU Systematic Alpha, NEU Concrete Canoe

**Relevant Coursework:** Fundamentals of Computer Science 1 & 2, Discrete Structures, Database Design, Engineering Design/Computation, Environmental Engineering, Differential Equations and Linear Algebra

## SKILLS

**Programing Languages/Frameworks:** HTML, CSS, Python, C++, C, Java, SQL, NOSQL, JavaScript, Vanilla.js, Node.js, PHP, Express.js, Handlebars.js, Vue.js, Rust

**Technical Skills/Tools:** REST API, Agile Scrum, Docker, Postman, AutoCAD, MicroStation, Solidworks, Combined Inspection System (CombIS)

**Languages:** English, Gujarati, Hindi, German

## EXPERIENCE

**NORTHEASTERN UNIVERSITY, Boston, MA**

**January 2023-Present**

*Technical Support Associate*

- Provide technical support to faculty, staff, and students for software, hardware, and network systems
- Respond to support requests in a timely manner and track technical issues using documentation systems
- Maintain and update equipment and software, ensuring compliance with security policies and procedures

**DBSI CONSULTING SERVICES, Bridgewater, NJ**

**May 2022-Present**

*Full Stack Software Engineer*

- Develop applications using the MEVN (MySQL, Express.js, Vue.js, Node.js) for several different use cases for clients and in-house use
- Implement the Yodlee API to develop web applications with financial use cases
- Utilize modern frameworks like Vue.js, Handlebars.js, and others into existing apps to optimize loading performance by over 50%
- Configure and set up 5 domains, using Linux and AWS EC2 instance to host applications

**HASHFAV.COM, New York, NY**

**May 2021-January 2023**

*Full Stack Software Development Intern*

- Built web servers to host several web apps, booting the servers with Nginx
- Built a variety of file servers, booting them with Ubuntu and setting up remote SFTP connections
- Developed full-stack applications using the Node.js and front-end frameworks like Handlebars.js and Vue.js for deployment
- Implemented web technologies like WebRTC, Socket.IO, and token authentication in to existing web applications

**MP ENGINEERS AND ARCHITECTS, New York, NY**

**May 2020-November 2020**

*Civil Engineering Intern*

- Assisted Project Engineers to complete bridge inspections and writing reports for New Jersey Department of Transportation
- Used the Combined Inspection System and AutoCAD to complete bridge reports in compliance with the National Bridge Inspection Standards
- Configured and implemented new network infrastructure for existing and new offices

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## PROJECTS

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### HASHFAV.COM

Full stack app built using Twitter API allowing users to curate a personal list of tweets. By commenting using two hashtags, you will save the tweet to HASHFAV, which allows the creation of a personal collection that can be viewed by other users as well.

### MPENG.S.NYC/administrator

Website management software, allowing the customization of pages on the MPENG.S.NYC website. Allowing users to change pictures, background text, and virtually everything about the appearance of the website, through simple easy-to-use controls. Other functionalities of this web app allowed users to add job postings and new projects.

### JALFRY.COM

Creation of a single sign-on website component using cookies. With multiple websites being used by users, a single sign-on system allowed users to consolidate their accounts into one. This allowed users to be signed into all other websites once they have been logged into one.

### NESTFEEDS.COM

Photo management web app allowing users to create optimized images for web use. Using Python, images are resized for both web use and for print use. Once images are uploaded to the website, they can be shared in collections using a link.

## VOLUNTEERING

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**BUCKS COUNTY BOARD OF ELECTIONS**, Doylestown, PA

*Machine Administrator*

**JOE BIDEN FOR PRESIDENT**, Philadelphia, PA

*Volunteer*

**CHRISTINA FINELLO FOR CONGRESS**, Newtown, PA

*Volunteer*

**PERRY WARREN FOR HOUSE OF REPRESENTATIVE**, Levittown, PA

*Volunteer*

**BAPS CHARITIES**, Robbinsville, NJ

*Volunteer*