

Rahul Setia

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Availability: May – December 2025

Education

Northeastern University, Boston, MA

September 2023 – May 2027

Khoury College of Computer Sciences

Candidate for a Bachelor of Science in Computer Science, Software Concentration

Honors: Dean's List Academic Standing | GPA 3.60/4.00

Coursework: Object Oriented Design, Algorithms & Data Structures, Logic and Computation, Math Reasoning, Computer Systems, Cybersecurity, Data Models, Database Design, Fundamentals of Computer Science 1 & 2, Information Science

Technical Knowledge

Languages: Java, Python, LaTeX, Racket, HTML, CSS, JS, SQL, R

Tools: React, IntelliJ, Eclipse, Jupyter Notebook, DrRacket, Git, VS Code, Postman, AWS (Lambda Functions, RDS, SNS, S3), REST

Projects

Recipe Finder | *React, Vite, Tailwind CSS, Vercel*

February 2025 – Present

- Developed a fully responsive Recipe Finder web app using React & Vite, integrating real-time data from the Spoonacular API
- Implemented a search functionality that allows users to find recipes based on ingredients and keywords
- Built a dynamic "Favorites" feature using localStorage, enabling users to save and manage their favorite recipes

Personal Portfolio (rahulsetia.me) | *HTML, CSS, JavaScript*

April 2022 – Present

- Engineered a responsive portfolio website to showcase projects and achievements
- Integrated dark mode toggle, smooth scrolling, and dynamic content loading to enhance user experience
- Configured a custom domain using Hostinger, including DNS management, and SSL certificate installation
- Deployed the website using GitHub Pages, ensuring accessibility and fast load times across devices
- Designed a modular and reusable website architecture, making it easy to customize and adapt for various portfolios.

Stock Simulator | *Java, Alpha Vantage API, CSV*

May – June 2024

- Developed a Java-based stock market simulation tool utilizing object-oriented design principles and MVC architecture
- Implemented RESTful API integration with Alpha Vantage, processing over 1,000 daily stock market data points
- Optimized CSV parsing and storage for 10-year historical data, reducing load time by more than 20%
- Built scalable modules in Java, ensuring extensibility for future enhancements and API integrations

Work Experience

Homefunding LLC, Floral Park, NY

July – August 2024

Operations Assistant

- Managed 100+ confidential mortgage client records, adhering to strong data security principles
- Assisted in processing loan applications, gaining insight into underwriting and compliance tasks
- Optimized manual credit review and underwriting processes, reducing errors and increasing efficiency
- Managed a six-figure stock portfolio, tracking profitability metrics to generate alpha returns

The Rex, Mineola, NY

July – November 2022

Shift Lead

- Oversaw front-of-house operations, serving 100+ customers daily and maintaining a 95% satisfaction rate
- Handled customer interactions, resolving issues and ensuring a positive experience
- Conducted closing tasks and maintained a clean environment, showcasing strong organizational skills

Extracurricular Activities

FIRST Robotics (FLL, FTC, & FRC)

September 2019 – June 2023

Lead Programmer & Coach

- Developed autonomous robot control systems using Java
- Implemented computer vision algorithms in Vuforia for object detection and tracking
- Helped students as an alumnus of the team by calling in virtually

Interests

Robotics, Artificial Intelligence, Data Science, Photography, Pickleball, Badminton, Table Tennis, Cooking, Stocks, Hiking