

Krish A. Agarwal

EDUCATION

Boston University – Bachelor of Arts in Computer Science, Minor: Business Administration **Expected 01/25**
Other Leadership and Professional experiences: Citadel Datathon qualified in Top 5 teams, BU IT Help Center Professional, Teaching Assistant (QST SM 132), Bloomberg BMC, 3x Dean's List Recipient, Python Certified Programmer, Goldman Sachs Possibilities Summit Participant (Only 9% of applicants admitted), Goldman Sachs Virtual Insight Series

EXPERIENCE

Red Hat, Inc. **Boston, MA**
Software Engineering Intern - OpenShift Container Platform MAY 2024 - AUGUST 2024

- Engineered a CSV export feature for the OCP observability dashboards, enabling 4,500+ customers to analyze and manipulate monitoring data.
- Architected a PieChart Panel plugin for the Perses project using Apache ECharts, elevating charting capabilities in Red Hat's observability tools.
- Collaborated with global teams to integrate sophisticated visualizations and observability features into the Console.
- Mastered cloud-native technologies, including **Kubernetes, OpenShift, Prometheus, and OpenTelemetry**, to enhance Red Hat's observability solutions impacting millions of users across 90% of Fortune 500 companies.

BU Build(Innovation) Lab **Boston, MA**
Founder - Recto DECEMBER 2022 - PRESENT

- Designed and launched a web app enabling customers to dispose of large household items in just 4 clicks, streamlining the process for convenience and reducing overall time by 50%.
- Implemented a seamless user experience where Recto-verified rag-pickers collect, weigh, and document items, rewarding customers with cash or gift cards.
- Secured a feature on the BU Start-up accelerator website and positioned to receive \$4,750 in funding.
- Leveraged technologies including **React, ExpressJS, Google Cloud API, and Firebase** to build a scalable, cloud-hosted solution for efficient household waste management.

BU Finance and Investment Club **Boston, MA**
Quantitative Developer AUGUST 2022 - PRESENT

- Collaborated with a team of 11 experts to devise and deploy advanced Quant trading strategies, including ML in Markov Chain and Monte-Carlo simulations, resulting in higher alpha for the BU Finance Club's \$850,000+ AUM.
- Developed and back-tested a Grid strategy for FX Markets, leveraging sophisticated quant analysis and trading algorithms to consistently outperform market returns.

BU Hack4Impact **Boston, MA**
E-Board Treasurer JANUARY 2023 – AUGUST 2024

- Secure additional club funding from the university student activities board for events, workshops, and hackathons.
- Curate a \$3000 budget and allocate funds for club events and activities. Key decision maker for approving financial transactions and managing resources.
- Chief representative at Stem Clubs Council meetings comprising E-board members of all stem clubs on campus.

Junior Development Team Lead JANUARY 2022 – DECEMBER 2023

- Trained over 90+ students every week on full-stack engineering with topics such as **HTML, CSS, JavaScript and React, Node, MongoDB, and Git**.
- Mentored 10 club members over two semesters and oversaw their tech journey, thereby guiding to improve resume, interview, and technical skills.
- Monitor and review full-stack projects developed, designed, and deployed by club members for the semester.

LEADERSHIP

DevConf.US by Red Hat **Boston, MA**
Volunteer JUNE 2024 – AUGUST 2024

- Lead A/V operations for DevConf.US 2024, serving as the primary Red Hat contact on-site at Boston University, ensuring seamless technical support for all sessions.
- Moderate key sessions at DevConf.US 2024, facilitating discussions and engaging with speakers, attendees, and community contributors.
- Coordinate and mentor event staff, leveraging two years of experience in classroom and events technology support to optimize conference operations.

TECHNOLOGY & SKILLS

Programming Language: Java, Python, SQL, R, Go, JavaScript, TypeScript, #C, OCaml, Assembly, Machine Learning in Python
Tools, Frameworks, and Applications: VS Code, Agile, Microsoft Suite, Docker, Kubernetes, NodeJS, MongoDB, Firebase, Git, Bootstrap, JIRA, Postman, Agile, ReactJS, Flask, HTML, CSS, React Native, LaTeX, Unix, CI/CD, AWS
Spoken Language: English, Hindi, Marathi, Punjabi.