

# Shubhay Harnale

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## EDUCATION

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### Rutgers University

B.S. Computer Science

Sept 2022 - June 2026

**Selected Coursework:** Data Structures, Calculus 1, Computer Architecture, Calculus 2, Discrete Structures

### Parsippany Hills High School

GPA-3.65

June 2019 - June 2022

## TECHNICAL SKILLS

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- Programming Languages: Python, Java Basics, C/C++.
- Web technologies: HTML, CSS, JavaScript, React, Node.js, Express, Bootstrap, Web Scraping, API Integration.
- Cloud Services: Amazon Lex, API Gateway, Lambda, Cloud Computing, DynamoDB, Elasticsearch, Azure(Azure Pipelines, Artifacts, Repos).
- DevOps Tools: Terraform, Docker, Kubernetes, Jenkins, Ansible, etc.

## WORK EXPERIENCE

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### ChartUpp, *(Co-founder and CTO)*

June 2024 - Present

- Creating a platform that helps small businesses gain visibility by connecting them with influencers, facilitating their growth.
- Designing and developing both the front-end and back-end of the company's website using the MERN stack.
- Implementing RESTful APIs to enable seamless communication between the front-end and back-end.
- Engaging with potential customers and influencers, generating significant interest in the startup's concept.
- Skills: Full-Stack Development, Marketing Strategy, Stakeholder Engagement.

### Neutrino Tech Systems, *DevOps Engineer*

June 2024 - September 2024

- Collaborated with the manager on an AWS-focused client project to understand requirements and deliverables, and ensuring successful project delivery.
- Developed and deployed CI/CD pipelines using Jenkins and GitLab, enhancing automation and efficiency in the development workflow.
- Engaged in comprehensive training on various DevOps tools and practices, including continuous integration, continuous deployment, containerization(Docker, Kubernetes), and orchestration(Terraform, Ansible).

## PERSONAL PROJECTS

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### Professor Ratings Assistant Google Chrome Extension,

February 2024

- Developed a Chrome extension to help Rutgers students choose professors more effectively by displaying ratings from Rate My Professors directly on the registration site.
- Integrated the extension with the Rate My Professors website to display professor ratings beside their names on the Rutgers registration site.
- Publicized the extension on the Rutgers subreddit, received feedback, and are working on making it open source.

### Dining Concierge Chatbot (AWS),

March 2024

- Developed an AWS-driven Dining Concierge chatbot, providing personalized restaurant suggestions based on user preferences
- Integrated Amazon Lex, API Gateway, and Lambda functions for seamless user interactions.
- Utilized DynamoDB for efficient data storage and Elasticsearch for rapid retrieval.

### Addiction relief app design,

September 2023

- Winning third place in the Rutgers IBM Hackathon, our team achieved recognition for our innovative approach.
- We created an application design for addiction recovery, using gamification and self-affirmations.
- Exploratory data analysis was done on the population of NJ to prove the need for this product.

### Instagram Spoiler Blocker Chrome extension,

August 2024

- Engineered an innovative Chrome extension that leverages smart content filtering to block spoilers on Instagram, enhancing the browsing experience for users.
- Successfully launched on the Chrome Web Store, maintaining an average of 50 active users and earning positive reviews for its seamless functionality and user-friendly interface
- Applied best practices in JavaScript and Chrome Extension APIs to optimize performance, resulting in efficient content filtering with minimal impact on browser resources.

## AWARDS

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- **Placed 3rd** in the IBM Hackathon at Rutgers Newark.
- Member of the **National Honors Society(2019-2020)**.
- Member of the USACS club at Rutgers
- Recognized as a distinguished Tabla player(Indian instrument) by the Indian national radio station.