

# ROHAN SHANBHAG

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<https://github.com/F1rebo1>

## EDUCATION

### University of Minnesota - Twin Cities

September 2022 - May 2024

Master's, Computer Science

GPA: 4

- **Relevant Courses:** Software Engineering, Natural Language Processing, Distributed Systems, Machine Learning Fundamentals, Developing the Interactive Web, Artificial Intelligence, Recommender Systems, Introduction to Intelligent Robotic Systems

### University of Minnesota - Twin Cities

September 2019 - May 2023

Bachelor's, Computer Science

GPA: 3.58

## PROFESSIONAL EXPERIENCE

### Veritas Technologies

Roseville, MN, USA

Software Engineering Intern

June 2023 - September 2023

- Successfully developed an error monitoring/observability system utilizing the Elasticstack and Filebeat, with scope for greater usability for the enterprise
- Sped up error observability for our software engineering teams by 2-3x, boosting employee engagement with programming issues, while working in an agile environment
- Independently learned a new tech stack and wrote clear code and documentation

### University of Phoenix

Remote

Data Systems and Strategy Intern

June 2022 - August 2022

- Generated large-scale reports with SQL, SQL Server Management and MS Power BI
- Worked with SCRUM and JIRA in an agile environment
- Handled and manipulated extremely large datasets through MS Access, Oracle databases and MS Excel

### University of Minnesota - Twin Cities

Remote

Drone Project Intern

June 2022 - August 2022

- Worked in a team of 5, leading research into the physics system that would be used to simulate drone movement
- Researched into Eulerian 1st/2nd order numerical integration techniques as a means to compute drone forces
- Created a small-scale implementation of the Eulerian integration method as would be applied to a simulated drone

## PROJECTS & OUTSIDE EXPERIENCE

### Notion Clone

Minneapolis, MN

December 2023 - Present

- Created a Full Stack Notion.so note-taking application clone
- Utilized NextJS 13's App Router, DALL-E AI Image generation, Shadcn/Tailwind CSS, and NoSQL/Drizzle ORM
- Worked with Vercel's AI SDK and OpenAI's API to integrate AI auto-fill features

### Sports Connect

Minneapolis, MN

February 2022 - March 2022

- Developed a full stack web application to connect local sports players with each other
- Utilized NextJS, GoogleMaps API and Bootstrap 5, and Auth0 for user authentication. Hosted the project through render.com

### Duck Get

Minneapolis, MN

April 2022 - May 2022

- Deployed a full stack progressive web application, hosted on netlify.app, to help with creating budgets and financial plans
- Worked extensively with ReactJS, REST/CRUD APIs and Codehooks SaaS backend to store, lookup and return information based on user-requirements

### To-do list

Minneapolis, MN

February 2022 - February 2022

- Deployed a to-do list full-stack flask application with user-authentication through Auth0, Jinja templating, Flask APIs and render's Postgres for backend-storage

## SKILLS

**Skills:** Android Development, Elasticsearch, Flutter, JavaScript, Git, HTML/CSS, Java, C/C++, OCaml, React, Kubernetes, Python, SQL, NoSQL, PL/SQL, Next.js, Node.js, Web Development, Agile, Bootstrap, C#, Data Structures & Algorithms, Python NLTK, Atlassian Suite (Jira, Bitbucket, Confluence), AWS

**Languages:** Spanish, Hindi, Thai