

# Ashish Job

ashishjob104@gmail.com | linkedin.com/in/ashish-job | github.com/Ashishjob | ashishjob.com

## EDUCATION

### University of Houston - Honor's College

Bachelor of Science in Computer Science, Minor in Mathematics

Expected: May 2025

GPA: 4.00

## EXPERIENCE

### JPMorganChase

June 2024 - Present

Software Engineering Intern - Infrastructure Platforms Team

Houston, TX

- **Technologies:** AWS, Azure, Grafana, PromQL, React.js, MongoDB, JavaScript, Spring Boot, Jest
- Enhanced telemetry by integrating **AWS/Azure** data into **Grafana** with **PromQL**, boosting visibility by **50%**.
- Achieved **30%** faster **CI/CD** by optimizing existing unit tests in the repository, reducing deployment build time.
- Improved **UI/UX** by **20%** through specified recommendations in **React.js**, enhancing user flow and satisfaction.

### Resumes.fyi

April 2024 - Present

Co-founder

Houston, TX

- **Technologies:** Next.js, TailwindCSS, TypeScript, Google Cloud Platform, Vercel, Redis
- Led frontend engineering for a web-app to crowd-source resumes that passed screenings from **140+** tech companies
- Achieved growth of **700+** users and **100+** resume submissions within the first week through strategic marketing

### NASA

January 2024 - May 2024

Machine Learning Engineering Intern

Houston, TX

- **Technologies:** Python, PyTorch, Numpy, Pandas, Lxml, MS Access, gvim, pyQT, SQLite, PERL
- Developed a **Neural Network** model with **Numpy**, **PyTorch**, and **Pandas**, achieving an accuracy rate of **95%**.
- Reduced Machine Learning model's total processing time by **12.31%** through accelerated parsing integrations.
- Designed a **database** using **MS Access**, streamlining data storage and improving query performance by **20%**.

### University of Houston - College of NSM

August 2023 – Present

Undergraduate Teaching Assistant

Houston, TX

- Supported **400+** students in structured procedural programming in **Python**, improving average scores by **15%**.
- Provided feedback for **Python** assignments, enhancing student comprehension and reducing error rates by **25%**.

### Structures and Artificial Intelligence Lab (SAIL)

May 2023 – September 2023

Undergraduate Research Assistant

Houston, TX

- **Technologies:** Python, NeRFstudio, LERF, OpenCLIP, CUDA, Pannellum
- Fine-tuned **NeRFstudio** resources, enhancing data processing efficiency by **30%** and analysis accuracy by **15%**.
- Investigated and implemented **CLIP** fine-tuning tasks, optimizing image and language relationships by **18%**.
- Processed **6 datasets** for **CV** and **NLP**, resulting in a **20%** improvement in risk identification accuracy.

### Cyvergence.AI

March 2023 – May 2023

Cybersecurity Intern

Remote

- Spearheaded evaluations by scrutinizing **12%** of the company's security policies through **Gap Analyses**.
- Implemented proactive measures and contributed innovative strategies, enhancing overall security by **30%**.

## PROJECTS

### CanCare for Good | React.js, Firebase, OpenAI Llama Index, Python, Flask, TypeScript, Vite.js, Git

- Optimized the matching **algorithm**, reducing latency in resource matching with a **BERT transformer model**.
- Integrated **Retrieval Augmented Generation (RAG)** chatbot to provide clients with quick resource access.
- Enhanced **UI/UX design** to achieve form completion, resulting in improved user engagement and satisfaction.

### Baker Museum | JavaScript, React.js, MySQL, Git, Node.js, Postman, Three.js, TailwindCSS

- Implemented user authentication for Admin, Employee, and User roles using **Node.js**, **MySQL**, and **React.js**.
- Utilized **MySQL** triggers for automated notifications and bulk discounts to optimize inventory and sales.
- Ensured seamless integration of data endpoints with **Postman**, to deliver a dynamic **fullstack** website.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, JavaScript, TypeScript, HTML, CSS, R, SQL, Swift, PERL

**Tools:** AWS, Azure, Grafana, PromQL, Jest, TailwindCSS, Git, Shell, Docker, Postman, MS Access, Vercel

**Frameworks/Libraries:** Next.js, React.js, Vite, PyTorch, Pandas, NumPy, Sk-learn, Matplotlib, CUDA, Flask, Node.js