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EDUCATION

Cornell University (3.87/4.00)

Master of Professional Studies, Information Science

Aug 2022 - May 2023

Ithaca, New York

PES University (7.96/10)

Bachelors of Technology in Computer Science and Engineering

Aug 2016 - Jul 2020

Bangalore, India

AWARDS

- **MPS Award of Excellence** : Awarded to the **#1 student** in the dept. of **Information Science** at **Cornell University**

RELATED WORK EXPERIENCE

Publicis Sapient

Software Development Engineer L2

Jun 2020 – Jul 2022

Bangalore, India

- Developed a **scalable, containerized Python-Flask** server with **Swagger** documentation deployed on **Google Cloud Run** that delivered recommendations to **17 million people daily**, while maintaining a response time **under 20ms**. This allowed us to service the entire city of Tokyo with **rapid, high quality recommendations**.
- Designed a robust **ETL pipeline using Apache Airflow and Python**, seamlessly integrating **Google Cloud Storage** and **Google Cloud Run**.
- This architecture allowed the efficient export of terabytes of data from **Google BigQuery** to **Google SQL**, ensuring **triple-redundancy** for backups and **long-term data archiving** to empower future analytics.
- Created a **Jenkins CI/CD pipeline** with **PyTest** for **blue-green deployments**. Integrated with **GitLab** and **SonarQube**, reducing server errors by **50%**.

Publicis Sapient

Software Developer Intern

Jan 2020 – Jun 2020

Bangalore, India

- Collaborated on creating an internal tool with **React** and **Material UI**. Introduced features like **React Router navigation**, state management using **Redux**, **Thunk**, and developed **all REST APIs**, ensuring seamless connectivity to our primary service and streamlined workflows.
- Employed automated testing frameworks such as **Jest** and **Cypress**, promoting **Test-Driven Development (TDD)** and ensuring a seamless, bug-free user experience.

Cornell University

Graduate Teaching Research Assistant for CS4300 - Language and Information

Jan 2023 – May 2023

Ithaca, New York

- Set up a pipeline and wrote **Linux Shell Scripts and Python** to automate **Jupyter Notebook** evaluation system for student assignments weekly, a vital development for efficient class conduction.
- Developed a **FastAPI** application that automatically converted student's code into a fully deployed website networked using **Docker** and **Kubernetes**, along with a **Jenkins CI/CD pipeline**, **Vue3** and **Quasar** dashboard.

Zinka Logistics

Backend Developer Intern

Apr 2019 – Jul 2019

Bangalore, India

- Interned and assisted in the development of a **GPS Microservice** using **Java SpringBoot**.

PROJECT WORK

[LinkedIn H1B and UK Visa Checker](#)

Jul 2023 – Present

- Built a LinkedIn plugin using **React** and **Webpack**, utilized by **~3000 users daily**, that indicates which companies have sponsored H1B and UK skilled worker visas, this helps save time and improves productivity while searching for jobs.

Equitable (Cornell University Corporate Collaboration)

Aug 2022 – Dec 2022

- Developed a **Latent Dirichlet Allocation** machine learning model to automatically classify call logs using **Sklearn**.
- Developed a **Vue3** dashboard to show all classified logs, and allow employees to visualize relevant data using **d3.js**

[Windows 11 Portfolio](#) (Personal Website)

Jan 2022 – Present

- Built an exact clone of the Windows 11 operating system using **React** and **Redux** and deployed using **Netlify**.

SKILLS

Programming Languages: Python, JavaScript

Web Development: React (**Redux**, **Next**), Svelte (**SvelteKit**), Vue3, jQuery, Flask, Node.js (**Express**), MySQL, MongoDB

Cloud Services: AWS, Google Cloud, Azure, Docker, Kubernetes, Linux

Testing, Automation & Version Control: Postman, Jenkins, Git, Airflow, Sonar, Terraform, New Relic