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EDUCATION

Cornell University (3.87/4.00)

Master's In Professional Studies , Information Science, Ithaca, NY

PES University (7.96/10)

Bachelor's of Technology in Computer Science and Engineering, Bangalore, India

AWARDS

MPS Award of Excellence : Awarded to the **top graduate student** in **Information Science** at **Cornell University**

RELATED WORK EXPERIENCE

Paychex Inc.

Aug 2023 – Current

Software Engineer II

New York, United States of America

- Personally led a **6-month full-stack overhaul**, transforming a legacy **Ruby on Rails** system into a high-impact **React.js/Redux** support tool that dramatically boosted client performance and reduced load times by nearly **50% through scalable component architecture, stringent coding practices**.
- Championed an innovative design strategy leveraging robust **client-side caching** and **jQuery-based pagination**, effectively slashing **API response times across the site from 20–50 seconds down to under 2 seconds**.
- Directed the **strategic deprecation** of a core product feature while engineering robust automated functionalities that enable clients to **securely migrate sensitive documents**.
- Engineered a comprehensive frontend testing suite using **Jest and React Testing Library** that attained **80% code coverage**, while developing meticulous **Rspec API tests** to guarantee optimal stability and maintainability.

Publicis Sapient

Jan 2020 – Jul 2022

Software Engineer II

Karnataka, India

- Integrated a **fully mobile responsive React PWA** and **globally scalable design** into the user interface, fostering seamless collaboration with the backend team using **SpringBoot, Netflix OSS, and RESTful APIs**.
- Designed a complex **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.
- 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.

Cornell University

Jan 2023 – May 2022

Graduate Teaching Research Assistant for CS4300 - Language and Information

New York, United States of America

- Designed and developed a full-scale application in **Vue, Python and Docker** capable of **ingesting student code** and **automatically transforming it into a fully deployed website**, complete with a **CI/CD pipeline, dashboard, and log viewer**. The project remains in **active use at Cornell University** and earned the prestigious **MPS Award of Excellence**.
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RELATED PROJECT WORK

[LinkedIn H1B and UK Visa Checker](#) - Developed a **LinkedIn** plugin, utilized by **3000+** users, that automatically indicates which companies have sponsored **H1B worker visas** in the past years.

[ResumeBuilder](#) - Developed a **Python** tool and **Chrome extension** that can copy a job description off of **LinkedIn** and **automatically modify** your resume to include **relevant keywords** from the job description.

[Showcase Server \(MPS Award\)](#) - Utilized by **Cornell University**, for the **CS4300 class**, it enabled students to remotely deploy all their code onto VMs, **without** requiring any knowledge on networking or operating systems.

[Windows 11 Portfolio \(Personal Website\)](#) - Built an exact clone of the **Windows 11** operating system using **React** and **Redux** and deployed using **Netlify**.

SKILLS

Programming Languages: Python, JavaScript/TypeScript, Ruby

Web Technologies: React, Vue, Ruby on Rails, Node.js, MySQL/PostgreSQL, MongoDB

Cloud Computing & OS: AWS, Google Cloud Platform, Azure, Docker, Kubernetes, Linux

Testing, Automation & Version Control: Postman, Jenkins, Git, Airflow, Sonar, Terraform, Jest, React Testing Library