

# Anirudh Iyer

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## EDUCATION

### University of Pittsburgh

Pittsburgh, PA

*Bachelor of Science in Computer Science, Minor in Economics*

*May 2024*

- Coursework: Web Development (Python, Flask, Google Cloud), Database Management Systems (Postgres), Software Engineering (JavaScript, Node.js, Agile Scrum), Systems Software (C)
- Student Organizations: Steel City Sapna (Business Manager), Pitt Computer Science Club, Intramural Basketball

## EXPERIENCE

### SAP

Jan. 2023 - Present

*Software Engineer Intern*

*Remote*

- Optimize go-to-market strategy web application with TypeScript, React, and Node.js, leading to a **5-star** rating from customers
- Integrate multiple existing SAP products (S/4HANA, VLM, BTP) to provide software recommendations for **30+** enterprises and sales team
- Create comprehensive technical documentation to facilitate knowledge transfer and promote the project's maintainability.

### Clinical and Translational Science Institute (CTSI)

May 2022 - Sep. 2022

*Software Engineer Intern*

*Pittsburgh, PA*

- Engineered full-stack clinical trial recruitment framework in Agile development environment for over **300,000** doctors/patients, using C#, ASP.NET, and SQL Server
- Implemented features and REST API endpoints for admin and user portals in a microservice-based architecture
- Streamlined test-driven-development using Node.js, Cucumber Reports, and Selenium in Headless Chrome, resulting in **faster time to production**

### University of Pittsburgh School of Engineering

Sep. 2021 - Jan. 2022

*Web Developer Intern*

*Pittsburgh, PA*

- Created interactive holiday card that was sent out to **1000+** faculty, students, and alumni with Javascript
- Managed department-wide content migration from Ektron to Episerver and launched design overhaul using Asana

## VOLUNTEERING

### Desi Dance Network (Non-Profit)

Apr. 2022 - Present

*Software Engineer*

*Remote*

- Work in a cross-functional team to build a full-stack application portal used by **3000+** users, with TypeScript across the stack, Node.js/Express on the back end, and React on the front end
- Architect and redesign new file system and user portal features through AWS S3, Heroku, and MongoDB, leading to a **1300%** increase in users

## PROJECTS

### Curdle - Word Game | *JavaScript, Node.js, MongoDB, Google Cloud*

[curdlegame.com](https://curdlegame.com)

- Built word game with Google Cloud, MongoDB cloud database, and Node.js backend, amassing **15,000+** users
- Developed responsive front-end achieving **99/100** performance rating and **first place** ranking on Google Search

### Sketched | *Python (Flask), JavaScript, Google Cloud, Cloud Datastore, Cloud Storage*

[sketched.appspot.com](https://sketched.appspot.com)

- Led team of 4 to create online whiteboard service, using Python (Flask), Jinja2 templates, and JavaScript
- Created Flask REST API to handle BLOB file uploads to Google Cloud Storage Bucket and Cloud Datastore

## TECHNICAL SKILLS

**Languages:** Java, JavaScript/TypeScript, Python, HTML, CSS, C#, C

**Frameworks:** Node.js, Express, Flask, Spring Boot, Selenium, ASP.NET, React, Tailwind

**Developer Tools:** Git, GCP, Heroku, Postman, AWS, Jenkins CI/CD

**Databases:** SQL (PostgreSQL, SQL Server), NoSQL (MongoDB, Cloud Datastore, Google Cloud Storage, AWS S3)