

# Anirudh Iyer

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## EDUCATION

### University of Pittsburgh

Pittsburgh, PA

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

*May 2024*

- Relevant Coursework: Natural Language Processing, Web Development, Database Management Systems, Software Engineering, Systems Software, Data Analysis, Data Structures & Algorithms
- Student Organizations: Steel City Sapna (President/Director), Pitt Computer Science Club, Intramural Basketball

## EXPERIENCE

### Workday

May 2023 - Aug. 2023

*Software Development Engineer Intern*

*Pleasanton, CA*

- Orchestrated a robust continuous delivery pipeline to successfully deploy a financial billing application on AWS Elastic Kubernetes Service (EKS), leveraging Jenkins and ArgoCD, automating over **100** software releases
- Integrated a new Java error handling data type into the codebase, preventing exception swallowing in over **50** tests
- Developed a WebSocket on an Nginx reverse proxy container to query financial data from a GraphQL subscriptions endpoint in real-time

### SAP

Jan. 2023 - Apr. 2023

*Software Engineer Intern*

*Remote*

- Optimized a go-to-market strategy web application with TypeScript, React, and Node.js, leading to a **99%** customer satisfaction rating from **250+** reviews
- Integrated multiple SAP products (S/4HANA, VLM) to provide software recommendations for **30+** enterprises
- Led the development of an internal SAP Analytics Cloud dashboard for an enterprise GPT-3 pilot project that was presented to senior/executive leadership

### Clinical and Translational Science Institute (CTSI)

May 2022 - Sep. 2022

*Software Engineer Intern*

*Pittsburgh, PA*

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

## VOLUNTEERING

### Desi Dance Network (Non-Profit)

Apr. 2022 - Present

*Software Engineer*

*Remote*

- Building a full-stack application portal used by **3000+** users, with TypeScript, Node.js/Express, and React
- Designing 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 a word game with Google Cloud, MongoDB cloud database, and Node.js backend, amassing **15,000+** users
- Optimized codebase to achieve **99%** Google Lighthouse performance and a **first place** ranking on Google Search

### Stalkify | *Node.js, Express, Spotify API, Google Cloud*

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

- Led a team of 3 to create a music-themed social media platform, following Agile Scrum framework
- Developed the back-end with Node.js/Express, and integrated Spotify API to display real-time data

## SKILLS

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

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

**Developer Tools:** Amazon Web Services, Google Cloud Platform, Heroku, Docker, Kubernetes

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