

Vidush Goswami

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EDUCATION

Grinnell College

B.A Computer Science, and Political Science

Grinnell, IA

Aug. 2017 – May 2021

Selected Coursework: Software Development, Data Science, Analysis of Algorithms, Statistical Modelling, Data Structures, Object Oriented Design, International Relations, Political Behavior

TECHNICAL SKILLS

Programming: React, Java, C#, C/C++, ChartJS, GraphQL, Ruby, Node.js, R, HTML, Python, Scheme
Technologies: TestContainers, AWS, Docker, Kafka, JUnit, Maven, Git, Linux, JSON, Gatsby, MySQL, Pandas

EXPERIENCE

- Software Engineer Intern** June 2020 - Aug 2020
Becoming Machinic, Inc. Minneapolis, MN
 - Migrated a project comprising of **Java** libraries onto another platform backed by **Apache Kafka**.
 - Used **TestContainers** to develop a Document Converter package in Java, and writing **JUnit** tests.
 - Built **Gatsby** webapps hosted on **Netlify** using **ReactJS** and **ChartJS**, sourcing from complex **JSON** objects with **GraphQL**.
 - Created **Zendesk** data analysis and reporting solutions.
- Software Developer Intern** May 2019 - Aug 2019
Wellmark Blue Cross Blue Shield, Des Moines, IA
 - Used **C#** and **Node.js** to develop service repository for Wellmark's in-house processes and APIs.
 - Increased business efficiency and reduced redundant development for the company through my project.
 - Hosted application on **AWS**, working in an Agile environment.
- Technology Advisor** May 2019 - Present
Grinnell College Student Government Association
 - Maintain, acquire, and manage all technological assets belonging to Student Govt. Association.
 - Collaborated with ITS engineers to prepare and deploy online voting system for school-wide elections
 - Chair the Tech Committee and liaise with the Chief Information Officer, Grinnell College.
- Software Engineer Intern** Aug 2018 - Sep 2018
Outfox AI, New York City, NY
 - Developed Node.js app hosted on AWS delivering a social media spend optimization backend solution for a AI-led startup in the marketing campaign spend effectiveness space, starting with Facebook.
 - Used **Pandas DataFrames**, **Facebook SDK API**, **Cron**, and **SendGrid** to read and analyze FB Insights data.

PROJECTS

- Rich React Table:** **React Gatsby** webapp displaying complex JSON data in a feature-rich table.
- PDFComparator:** **Java** PDF Comparison tool that uses low-res image comparison to boost efficiency.
- DormRate:** **Ruby on Rails** dorm reviewing webapp, hosted on **Heroku**, using **AWS S3** and **PostgreSQL**.
- FIFA 19 Regression:** Predicted developer-attributed player Market Value through Best Subsets regression, using **R**
- COSI Central Iowa:** Built responsive UI in **Agile TDD** environment in RoR webapp for immigration non-profit.
- Global Terrorism Analysis:** **RShiny** app to visualize various aspects of Global Terrorism Dataset.
- RideBoard-t:** Prize-winning **Ruby** webapp providing ride-matching to serve college students needing transportation.
- FoodShare:** Platform to combat food insecurity amongst college students