VASU GOYAL

Backend Software Engineer

📞 **8376069678**   @ **vasugoyal12@gmail.com**   🔗 **linkedin.com/in/vasugoyal12**

PROFESSIONAL EXPERIENCE

Software Engineer II

JPMorgan Chase & Co.

📅 07/2021 - Present   📍 Bangalore,IN

- Designed and Implemented **petabyte Data warehousing solution on the cloud using AWS Redshift with security, scalability and high availability in mind.**
- Cloud Data pipeline has replaced on-prem infrastructure and overhauled the way data is ingested and consumed by the global trading platform, **saving 66% in infrastructure cost which is almost 500K dollars yearly.**
- **Refined and improved the existing code** which has helped meet SLAs of various crucial time bound reports which had a direct monetary impact on the business.
- Facilitated onboarding new businesses to the application by resolving and building the current system to handle the changes.

Software Engineer Intern

JPMorgan Chase & Co.

📅 06/2020 - 07/2020   📍 Bangalore, IN

- As part of a combined effort with NGO, Developed a **Django-based progressive web application** that allowed Indian Sign Language speakers to communicate with a broader population by implementing a CNN-based model for visual translation.

PROJECTS

My Spotify

- Designed a Python Web application to visualize the changing listening patterns of the user, using OAuth to authenticate and then query user data through Spotify's RESTful API, categorising the songs based on different audio features and integrated it into a web application

EXTRACURRICULAR ACTIVITIES

Core Team Member, Coding Club

IIT Guwahati

- Coordinated with multiple groups, overseeing conceptualization, supervision, and development of the projects undertaken by the club.

Technical Secretary

Kameng Hostel, IIT Guwahati

- Led the Hostel in KRITI, Inter Hostel Technical Competition, which involved over 25 events spread over 30 days, managed and assisted in the development of each one of them.

EDUCATION

Bachelor of Technology, Electronics and Communication Engineering

CPI **7.97** / 10

Indian Institute of Technology, Guwahati

📅 2017 - 2021

- *Minor in **Computer Science and Engineering***

CBSE Class XII

Delhi Public School

📅 2015 - 2017   📍 Delhi, IN

- *Aggregate: 96.2%*

SKILLS

Programming

`Python` `C/C++` `Java` `TypeScript` `Terraform` `SQL`

FRAMEWORKS/TOOLS

`AWS` `Angular` `Django` `Spring` `Git` `Boto3` `Sagemaker` `Jenkins`

Databases/Data Storage

`AWS Redshift` `AWS Aurora RDS` `Vertica` `MySQL` `PostgresSQL` `S3` `AWS Athena`