

GABRIEL A. ESPINOZA

Mobile: (571) 643-3888

LinkedIn: [linkedin.com/in/gabantesp/](https://www.linkedin.com/in/gabantesp/)

GitHub: github.com/gaespinoza

Email: gabantesp@gmail.com

SOFTWARE ENGINEER | CLOUD ENGINEER

TECHNOLOGY AND SKILLS

- **Languages:** Python, Java, Javascript/Typescript, SQL, HCL, R, HTML/CSS, C
- **Frameworks:** AWS, GCP, Apache Airflow, Kubernetes, Docker, Terraform, Postgres, MySQL, Spring, Poetry, React/Next.js Jenkins/Spinnaker CI/CD, Sequelize/Express
- **Certifications:**
 - [HashiCorp Certified: Terraform Associate \(002\)](#)
 - [AWS Cloud Practitioner](#)

PROFESSIONAL EXPERIENCE

JP Morgan Chase

Software Engineer II

Seattle, WA

July 2021 – Present

- Part of internal Data Lake & Analytics team, serving other LOB data transfer from On-premise to Off premise
- Developed and tested REST API Java Service deployed via AWS CodeDeploy and Jenkins CI/CD
- Built, published, and actively maintained internal Python modules via Poetry used by community of hundreds
- Contributed to services that interact with Postgres and MySQL databases in both Java and Python
- Wrote middleware services to handle asynchronous events and persist to databases hosted on AWS
- Created new databases and tables for different environments
- Built and maintained data pipeline orchestrations for Apache Airflow deployed through EKS
- Created new Docker Images for EKS deployments
- Orchestrated Cloud Infrastructure through Terraform and AWS (lambdas, sqs/sns, load balancers, RDS, EKS, S3, etc)
- Serviced clients with producer/consumer database access shares from central data lake
- Held office hours for clients to resolve issues for onboardings, migrations, bug resolutions. Collaborated with upstream and downstream dependencies to resolve situations
- Unit testing, performance testing, use case testing, confluence and JIRA documentation/ evidence gathering
- Worked on front end React applications

Liberty Mutual

Corporate Functions & Analytics Intern

Portsmouth, NH

May 2020 - August 2020

- Developed best practices and usage guides for in house cloud storage and compute access tool used by hundreds of LM employees
- Created guides and serviced LM's data scientists in merging technologies like Linear Programming solvers, cluster resource allocation with Spark, and dashboard publication with Shiny and Dash within AWS EC2 and EMR environments
- Created routable Ansible playbooks updating R version and installing packages within clusters and instances

Coalesce Solutions

Salesforce Administration/ Development Intern

Leesburg, VA

May 2019 – August 2019

- Responsible for implementing solutions for a variety of client organizations in Salesforce
- Helped develop simple and intuitive client sites to support community building and accessibility
- Independently navigated through Salesforce Trailheads in order to grow knowledge on subject matter

EDUCATION

College of William and Mary

Major: B.S. Computer Science

Minor: Data Science

Williamsburg, VA

Relevant Coursework: Applied Cybersecurity, Network Systems and Design, Computer Organization, Principals of Programming Languages, Algorithms, Software Development, Competitive Programming, Data Structures, Computational Problem Solving, Linear Algebra

Honors: William and Mary Scholar, Wren Scholar

MY MISSION STATEMENT

Luck is the intersection of preparation and opportunity. My priority is to continue to improve upon myself, to grow and learn. To identify where my shortcomings may be and become a better developer, so that I may seize upon opportunities to better the conditions of those that I love. My motivation is my family, and making sure I leave our situation better than I find it.