# ANUSHA BALASUBRAMANIAM

mail@anushab.com
GitHub | LinkedIn

| | |
|---:|:---|
| *Programming languages* | Python, Javascript, C# |
| *Cloud Infrastructure* | AWS Lambda, ECS/Fargate, EC2, S3, Serverless, Terraform, Docker |
| *Data Analysis* | Pandas, SQL, MongoDB |
| *Data Science* | Scikit-learn, NLTK, Apache cTakes |
| *Data Visualization* | D3js, Tableau, Matplotlib, Adobe Illustrator |

### Software Engineer @ ForeSee Medical Inc.                            *Dec 2017 - Present*

- Responsible for infrastructure and production readiness of native NLP engine used to extract medical codes from text data sourced from lab reports, doctor's notes, etc.
- Designed data models and tools that serve as the foundation for the representation of clinical rules to determine disease recommendations. These tools make clinical rules accessible to a fast rule engine, a performant UI and allow for direct authoring by doctors and medical experts.
- Involved in driving key decisions on infrastructure and engineering for various projects integral to a successful launch of ForeSee's minimum viable product.

### Information Systems Officer, Consultant @ United Nations              *Oct 2014 - Dec 2016*

- Developed statistical data availability metrics, designed and created interactive web-based data visualizations to enable statisticians to visually analyze the data availability of Sustainable Development Goals (SDG) statistical indicators.
- Designed and built a comprehensive data management web interface for verifying, updating and maintaining a database for the minimum set of gender indicators, reducing time required by statisticians to collect and publish indicator data in gender statistics by 50%.
- Created a website and infographics for the World's Women 2015, a flagship publication of the United Nations Statistics Division.

### Workday Integrations Consultant @ OneSource Virtual Inc.              *June 2013 - Sept 2014*

- Executed end-to-end Workday ERP integration development through all stages from gathering requirements to deployment and post-deployment support for small and medium-enterprise businesses
- Led team efforts to build standardized Workday integration solutions to third-party benefits vendor software to be used across multiple clients, reducing build time by 60%.
- Gained domain expertise in building HR software integration solutions for payroll, benefits and general ledger integrations.

### Software Development Engineer @ Dell Inc.                            *July 2009 - June 2011*

- Developed web services to provide integration of licensing information into customer order data where customized images provided by the customer are installed onto the system.
- Enabled factory lines to fulfill incomplete orders from non-Dell owned manufacturing units. Implemented tricky order routing and inventory management logic to eliminate specialized human intervention for incomplete orders.
- Redesigned the stack for order fulfillment status dashboards, improving visibility of production issues across the floor, enabling faster response from development teams.

| | |
|---:|:---|
| ***The Data Incubator*** | Data Science Fellow |
| ***Texas A&M University*** | Master of Science, Management Information Systems |
| ***Osmania University*** | Bachelor of Engineering, Computer Science |