

# ANUSHA BALASUBRAMANIAM

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[GitHub](#) | [LinkedIn](#)

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<i>Programming languages</i>	Python, Java, Javascript, C++
<i>Cloud Infrastructure</i>	AWS Lambda, ECS/Fargate, EC2, S3, Serverless, Terraform, Docker
<i>Data Analysis</i>	Pandas, SQL, MongoDB
<i>Data Science</i>	Scikit-learn, NLTK, Theano
<i>Data Visualization</i>	D3js, Tableau, Matplotlib, Adobe Illustrator

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## **Software Engineer @ ForeSee Medical Inc.**

*Dec 2017 - Present*

- Responsible for model training, service infrastructure and production readiness of deep learning based 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.

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<i>The Data Incubator</i>	Data Science Fellow
<i>Texas A&amp;M University</i>	Master of Science, Management Information Systems
<i>Osmania University</i>	Bachelor of Engineering, Computer Science