

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 |

Software Engineer @ ForeSee Medical Inc.

Dec 2017 - Present

- Responsible for model training and 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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| The Data Incubator | Data Science Fellow |
| Texas A&M University | Master of Science, Management Information Systems |
| Osmania University | Bachelor of Engineering, Computer Science |

