

SRIRAM VORUGANTI

857-376-9586 | voruganti.s@northeastern.edu | LinkedIn | Boston, MA

EDUCATION

Northeastern University, Boston, MA

Expected May 2024

Master of Science in Computer Software Engineering Systems

GPA: 3.84

Relevant Coursework: Web Development and User Experience, Network Structures and Cloud Computing, Object Oriented Design, Program Structures and Algorithms, Data Science Engineering Methods and Tools

Birla Institute of Technology and Science, Pilani, Rajasthan

Bachelor of Engineering in Chemical Engineering

August 2018 - June 2022

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript/TypeScript, HTML, CSS, SQL

Frameworks/Tools: Git, ReactJS, AngularJS, Linux, Protractor, NodeJS, Spring Boot, Django, JIRA, Docker

Cloud Technologies: AWS Services, Hashicorp Packer, Pulumi, Google Cloud

Databases: MongoDB, RDBMS, NoSQL, MySQL, Microsoft SQL Server, Postgres

WORK EXPERIENCE

PTC

Boston, MA

Software Engineer Intern (UI)

June 2023 – August 2023

- Optimized website performance by adeptly utilizing HTML, CSS, and Angular, leading to a **20%** decrease in page load times, thereby elevating user experience and increasing engagement rates
- Expert in multiple front-end technologies, having implemented over five responsive web designs, coupled with an understanding of back-end service handling, which optimized CAD responsiveness by **10%**
- Played a pivotal role in developing the Protractor tool for UI that improved test performance accuracy by **15%**
- Enhanced exceptional code quality and collaboration through rigorous code reviews via RBCommons
- Achieved **95%** code coverage with Junit, Protractor tests for UI, securing robust, verified code performance

NORTHEASTERN UNIVERSITY

Boston, MA

Data Management and Support Specialist

September 2022 – April 2023

- Streamlined SQL database queries, resulting in a **25%** increase in efficiency and **30%** quicker access to reports
- Utilized Power BI for data visualization, developing dashboards that increased data accessibility and informed decision-making, resulting in a **20%** uptick in stakeholder satisfaction for the Clinical Agreements

FLAM

Bangalore, India

Software Developer Engineer Intern

September 2021 - February 2022

- Automated ETL process across billions of rows of data, reducing manual workload by **25%**
- Programmed an engine on backend (Django) and frontend (React) to set up and resolve "**buy one get one free coupon**" for product endorsement, leading to an increase in sales of about **30%** for the Flam cards sold

ACADEMIC PROJECT

DEVOPS APPLICATION (JAVASCRIPT, TYPESCRIPT AWS, PULUMI)

September 2023 – November 2023

- Specified IAM roles, policies for CloudWatch, EC2, and RDS to guarantee secure engagement with infrastructure
- Implemented Pulumi to develop infrastructure on AWS, setting up RDS on EC2 instances housed in a private subnet allowing secure access from the subnet group, which is made publicly available via an internet gateway
- Crafted virtual images with Packer, integrating application dependencies, AMI, and CloudWatch agents

FITNESS TRACKER (REACT, EXPRESS, SAAS, NODEJS, MONGODB)

September 2022 – December 2023

- Engineered a Full stack utility tracker website giving us information about **10+ various activities** based, food habits, external REST APIs used were (Ticketmaster, Open Weather, Cloudinary)
- Built RESTful APIs with Node.js and Express.js, enhancing HTTP request, response handling by **15%**
- Incorporated an intuitive dashboard for calorie tracking utilizing React, MongoDB for data management