

SURABHI TOMAR

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Designing, developing, and deploying web applications with highly scalable backend with Agile/Scrum methodology. Following CI/CD mindset for software delivery to allow smooth functioning of DevOps.

TECHNICAL SKILLS

Programming/ Web Language: Golang, JavaScript, Python, HTML, CSS

Frameworks, Libraries, Environments: Django, Nodejs, Express, React

Database: MS SQL, MongoDB

Miscellaneous: CI/CD, Version Control, Jira, Microservices using Docker, AWS, REST APIs

WORK EXPERIENCE

Senior Software Engineer

Aug 2022 - Jun 2023

Nouveau Labs – Research & Development

- Collaborating with frontend engineers to develop APIs using Golang, Nodejs, and Python that meet the application's requirements and implementing efficient algorithms for robust backend.
- Successfully leading as a product owner for 2 major sub-product lines of high traffic cloud platform. Maintaining bitbucket repositories, handling and approving changes that concern connection with those 2 products.

Systems Engineer – Backend Development

Aug 2021 – Aug 2022

Tata Consultancy Services – Financial Data Analysis Team

- Developed scalable web application that helps business intelligence engineers to post ETL queries filtered by projects. Golang and Nodejs were the primary languages.
- Developed an interactive chatbot that would reduce the efforts of the customer service team by ~50% by handling customer real time queries. Tools and libraries used: Node.js, Express, React, Python, RASA.

Software Engineer 2

Dec 2019 – Sep 2020

Dell Technologies – Enterprise Data Storage Systems

- Successfully automated 17 health check quality tests pertaining to HBAs, hosts and servers of enterprise data storage array using object-oriented programming. Actively participated in code reviews. Python, CI/CD.
- Built supervised machine learning regression models on data extracted from the unstructured failure logs generated by the initiator and port groups in a data storage system using Python.

Advanced Analyst

Oct 2016 – Aug 2018

EY – Tax Technology and Transformation

- Improved team performance by 40% by transforming raw data into MySQL and profitably deployed 3 processes that performed convoluted tax operations on client's data using Robotics Process Automation (RPA) technology.
- Reduced manual efforts by 60% by creating end-to-end automation solution in Microsoft VBA for an internal client. The automation performance report was presented during the semi-annual town hall using Power BI.

EDUCATION

Northeastern University

Sep 2018 – Aug 2020

Master of Science, Data Analytics Engineering

Certificate of Engineering Leadership

Visvesvaraya Technological University

Sep 2012 – Jun 2016

Bachelor of Engineering, Electronics and Communication Engineering