SOUMYA THOUTAM

Portland, OR USA | 971-406-9485 | soumyathoutam8@gmail.com | www.linkedin.com/in/soumyathoutam

SUMMARY

Results-oriented computer science professional with a strong foundation in software development, data analytics, and machine learning. Adept at resolving complex technical challenges, optimizing workflows, and driving innovation. Proficient in Python, Java, SQL, web technologies, and cloud platforms. I am seeking opportunities as a software developer, data scientist, data analyst or engineering roles to leverage my skills and contribute to dynamic teams.

EDUCATION

Portland State University | Masters in Computer Science | USA — Jan 2022 – Jun 2023

Jawaharlal Nehru Technological University | Bachelor's in Information Technology | India — Aug 2016 – May 2020

PROFESSIONAL EXPERIENCE

Accenture | Associate Software Engineer, DevOps | India — Nov 2020 – Dec 2021

- Mitigated 800+ web-based Java app incidents for BMW, promptly resolving high-priority issues, elevating client satisfaction
- Executed Agile-driven solutions for 7 apps with Eclipse, Citrix, JIRA, Oracle DB, enhancing workflow efficiency
- Boosted team efficiency 2x by resolving 200+ DB issues and leading knowledge sessions for seamless Production & Integration
- Slashed downtime 25% via automated solutions, driving operational efficiency and system reliability enhancements
- Collaborated across functions, resolving intricate issues, and providing top-tier technical assistance
- Led efficient incident and change management, optimizing operations, and elevating production processes for seamless workflow

PROJECT EXPERIENCE

Software Development | Exploring Hugging Chat — NLP

- Deconstructed Hugging Chat, dissecting NLP models and datasets. Created custom NLP model with Hugging Chat data, achieving 0.5 BLEU score.
- Evaluated model's real-world language applications, leveraging insights from ChatGPT comparison.

Machine Learning | MCQA Predictor — Python

- Engineered AI model for accurate MCQ responses using transformers & AI2 ARC dataset, achieving 75% discriminator models accuracy.
- Conducted data-driven EDA, revealing insights, enhancing accuracy; leveraged ElasticSearch API, boosting response predictions.

Voice Assistant Skill Development | CalEve — Node.js

- Developed calendar skill with Alexa, Google, Dialogflow, using Node.js for backend, boosting user engagement by 40%.
- Crafted intuitive VUI for easy event management, leading to 25% increase in task completion efficiency.

Web Development | Personal Portfolio — HTML, CSS, JavaScript

- Built a responsive website using Bootstrap CSS, enhancing UX with interactive elements, achieving 20% traffic increase.
- Created a JavaScript contact form with validation, ensuring zero contrast errors, and conducted comprehensive testing for 100% functionality.

Data Engineering | Covid Data Analytics — PostgreSQL, Linux

- Designed Covid-19 database with PostgreSQL, enabling efficient data structuring for 20+ Tableau dashboards.
- Implemented ETL (Extract, Transform, Load) processes, reducing data errors by 20% and ensuring high data accuracy, contributing to more reliable analytics outcomes.

TECHNICAL SKILLS

- Python, C, Java, HTML, CSS, JavaScript, MySQL, PostgreSQL, SQL, ML, AI, NLP
- Google Colab, Jupyter Notebooks, Oracle, Git, Linux, AWS, Jenkins, Tableau, Power BI, NumPy, Pandas, PyTorch, Agile

ACHIEVEMENTS & CERTIFICATIONS

- Achieved AWS Educate Introduction to Cloud 101 Badge and "AWS Technical Essentials" course certificate.
- Obtained AWS Skills Center Certifications: Introduction to the AWS Cloud and Becoming a Cloud Practitioner.
- Received a Certificate of Excellence in Python for Data Science from Edustart Now.
- Completed the "AI For Everyone" Course offered by DeepLearning.AI on Coursera.
- Attained the "Elite" status in the NPTEL "Joy of Computing" Course focused on Python.