

SRIVATSAV SARAVANAN

MASTER'S STUDENT IN DATA SCIENCE



CONTACT

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EDUCATION

2024 - Present

NMBU, ÅS

- Master's in Data Science

2016 - 2020

- Bachelor's in Computer Science and Engineering
- CGPA: 8.09

SKILLS

- Python
- SQL
- PySpark
- AWS
- HTML / CSS

LANGUAGES

- English (Professional)
- Norwegian (A1/A2 Level)

INTERESTS

- Cricket
- Amateur Skiing

PROFILE

A Passionate person on a mission to solve complex problems using technology. Driven by a strong enthusiasm for developing efficient solutions to make the world a better place.

WORK EXPERIENCE

ORION INNOVATION

2020 - 2024

Software Engineer

- Revamped the existing onboarding application for employees to a responsive web design, resulting in a 13% increase in user activity levels.
- Resolved multiple database-related issues within the attendance application, enhancing system stability.
- Conducted in-depth data analysis to generate tailored user-profile reports, enabling clients to make informed decisions faster.
- Responsible for creating detailed application architecture resulting in enhanced project understanding.

PROJECTS

Oil Spill Simulation System (Python, Matplotlib)

[\(Link\)](#) JAN 2025

- Developed a Python-based numerical simulation system to predict oil spill trajectories in coastal waters, simulating environmental impact with 85%+ test coverage.
- Designed and developed an object-oriented solution using triangular mesh cells and scaled normal vectors to track oil movement, enabling accurate predictions of contamination patterns across 2D coastal domains while maintaining data encapsulation principles.

TENNIS AUSTRALIA (.NET, SQL, HTML, CSS, JS)

[\(Link\)](#) 2021 - 2024

- Played an integral role in the Data Migration process from an external Data Center to In-house Data Center.
- Improved user engagement by implementing a responsive, intuitive UI for profile creation.
- Collaborated with cross-functional teams to align system functionality with user needs, reducing drop-off rates by 25%.

AV DANSE STUDIO (HTML, CSS, Bootstrap, JS, AWS S3)

[\(Link\)](#) 2024 - PRESENT

- Designed and deployed a fully responsive portfolio website using AWS S3, Cloud Front and Route 53.
- Integrated interactive UI elements in this single-page application to increase customer interactions and service inquiries.

CERTIFICATIONS / BADGES

- Cloud Computing Badge - AWS 2025
- PySpark Certification - Datacamp 2024
- Python Certification - Datacamp 2021