



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

SRIVATSAV SARAVANAN

MASTER'S STUDENT IN DATA SCIENCE

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