

# NARGESE BANU S

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## PROFESSIONAL SUMMARY

Expertise in AI, and Data analytics, Machine learning. Proficient in Python, deep learning, and data visualization. Passionate about leveraging AI to solve real-world challenges and drive data-driven decisions. Seeking opportunities to innovate and contribute through my skills.

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## EDUCATION

### B.E. Artificial Intelligence and Data Science

Avinashilingam Institute of Home science and higher education for women (Expected 2026)

Cgpa-7.2

### HSC

Crescent Matriculation Higher Secondary School (2022)

Percentage-72%

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## TECHNICAL SKILLS

- Programming Languages: Python, Javascript, CSS, HTML
  - AI & Data Science: Data Preprocessing, Deep Learning, Data Analytics, Model Optimization
  - Tools & Libraries: Power BI, Pandas, NumPy, Matplotlib
  - Soft Skills: Problem-Solving, Teamwork, Leadership, Communication
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## EXPERIENCE

**Machine Learning Intern**, Prodigy Infotech (2023)- Developed and trained ML models using Python and Scikit-learn, applying data preprocessing, supervised/unsupervised learning, and optimization for improved accuracy.

**Data Analyst Intern**, NXT Logic Software Solution (2024)- Performed data analysis using Python and Excel, involving data cleaning, visualization, and statistical techniques to extract insights and support decision-making.

**Artificial Intelligence Intern**, Inspire AI (2025)- Assisted in building AI models using Python, working with basic machine learning algorithms and simple deep learning techniques.

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## PROJECTS

**I-FLUSH (Smart Flushing System) – SIH 2024:** A cost-effective suction-based flush system designed for rural areas, reducing water usage while ensuring hygiene. Built with vacuum technology for affordability, efficiency, and easy maintenance.

**Personal Task Scheduler Integrated with Wall Clock:** A smart scheduling system embedded in a digital wall clock that allows users to set tasks and receive real-time reminders. Enhances productivity by integrating time display with task management.

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## CERTIFICATIONS

Internet of Things (NPTEL).

Deep Learning Fundamentals (IBM, Cognitive Class)

Industry 4.0 & Industrial IoT (NPTEL)

Data Science (IBM, Coursera)