

Nileet Savale

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Professional Summary

"Experienced Web Developer with management skills, proficient in diverse programming tools and frameworks. Pursuing a Master's in Computer Science, focusing on algorithms, machine learning, and AI."

Education

Indiana University

Computer Science Masters of Science

Indiana, USA

August 2024 - July 2026

Savitribai Phule Pune University

Computer Science Bachelor - CGPA: 8.9

Maharashtra, India

July 2020 - July 2024

Experience

Web Developer Intern, SearchIn – Maharashtra, India

March 2023 – June 2023

- Designed and tested **3 web applications** across **5 platforms**, resulting in a **25%** increase in user engagement.
- Enhanced existing applications, improving efficiency by **30%** and reducing bugs by **40%**.

Web Developer Intern, Atul Ltd – Gujarat, India

Jan 2022 – April 2022

- Developed an admin portal for a chemical company managing **75 industries**, facilitating collaboration among **5,000+ employees**.
- Implemented real-time data integration with live server technology, cutting data retrieval time by **40%**.

Projects

API for Collaboration

Luddy Hackathon 2024

- Built an API enabling employees to locate contacts by product or repository, improving cross-team collaboration.
- Ensured scalability and efficiency by implementing RESTful design and optimizing database queries.

IoT Smart Dustbin

Oct 2024

- Designed a smart dustbin with IoT sensors and AI for waste segregation and optimized pick-up scheduling.
- Integrated cloud analytics to monitor waste levels and predict maintenance needs in real-time.

Stock Market Prediction

- Developed a machine learning model to analyze historical data and predict stock price trends.
- Conducted feature engineering and tuning to improve model accuracy and minimize prediction errors.

Smart Ration Shop using Blockchain and IoT Technologies

- Designed a smart ration shop system integrating blockchain and IoT technologies to improve transparency and efficiency in public distribution systems.
- Implemented smart contracts for secure, immutable transactions and real-time asset tracking.

Publications

Transforming Household Waste Management: IoT-Enabled Smart Dustbin

IEEE – Oct 2024

Technologies

Languages: Python, Java, C++, JavaScript, TypeScript, Solidity, HTML

Frameworks & Libraries: React.js, Node.js, TensorFlow, PyTorch, NumPy, Pandas, Scikit-learn, NLTK, OpenCV

Databases: SQL, MySQL, MongoDB

Tools & Platforms: Git, GitHub, Jupyter Notebook, Figma, Adobe Creative Suite, CMS

Concepts: Machine Learning, Deep Learning, Data Science, Software Engineering, OOP, Data Structures & Algorithms, NLP, Computer Vision, Mathematics, Testing, Algorithm Design, Customer Service.

Certifications

AWS Academy Graduate - Cloud Foundations

AWS Academy Graduate - Machine Learning Foundations

Python for Data Science (NPTEL)

Working in a Digital World: Professional Skills (Credly)

Leaderships

CodeHub President

2023-2024

Block-Chain Co-Lead - CodeHub

2022-2023