

Mukund Ahire

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Objective

Highly motivated software professional with a strong foundation in building well-structured, scalable applications and a passion for Artificial Intelligence. Seeking to leverage expertise in robust backend solutions, dynamic front-end designs, and a foundational understanding of AI/ML principles to drive innovation and deliver impactful, intelligent software solutions in a forward-thinking environment.

Education

NBN Sinhgad Technical Institutes Campus, Pune, B.E in Information Technology Expected June 2026

- CGPA: 7.09/10.0

Skills

- **Languages:** Java, JavaScript, HTML, CSS, Python (Foundational for ML)
- **Technical Skills:** Core Java, Data Structures, Algorithms, OOPS, DBMS, Machine Learning Fundamentals, Basic Data Analysis
- **Framework and Libraries:** React, Tailwind CSS
- **Databases and Data Management:** MySQL, MongoDB
- **Development Tools and IDEs:** IntelliJ IDEA, Visual Studio Code, Git, Github/GitLab, Postman
- **Soft Skills:** Problem Solving, Communication, Teamwork, Time Management, Creativity, Attention to Detail.

Projects - (Github Link)

Personal Portfolio Website

- Key Skills: React, JavaScript, HTML, CSS, Tailwind CSS, Responsive Design, Git/GitHub, UI/UX Principles.
- Project Description: Developed a responsive portfolio using React and Tailwind CSS to showcase technical projects and skills. Implemented a modern UI to serve as a central hub for web applications and ML models, highlighting front-end development capabilities.

House Price Prediction Model

- Key Skills: Python, Machine Learning (Regression), Data Preprocessing, Feature Engineering, scikit-learn, Pandas, NumPy, Matplotlib/Seaborn.
- Project Description: Developed a machine learning model to predict house prices, executing an end-to-end pipeline from data cleaning and EDA to feature engineering. Utilized regression algorithms and evaluated model accuracy with metrics like MAE and R-squared.

Time Loop Game with Amazon-Q-CLI

- Key Skills: Python, Pygame, Game Development, Debugging with AI Tools.
- Project Description: Developed a 2D puzzle platformer in Pygame with a time-loop mechanic, where players interact with recordings of their past selves. The game features precise action syncing and a modular architecture, with debugging enhanced by Amazon Q CLI.

Activities

ALumini Section Head - IT Newsletter - NBNSTIC, Pune

- Led the Alumni Section for the IT Newsletter at NBNSTIC Pune, curating content and managing communications to foster a vibrant alumni network.

Documentation Head - Sports Committee - NBNSTIC, Pune

- Oversaw comprehensive documentation processes for the Sports Committee at NBNSTIC Pune, streamlining record-keeping and communication across events and activities.