

ATHARVA PRASHANT SHIRKE

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ABOUT

A good problem-solving engineer. Eager to learn new technologies. Great Learner and a good team player. Having good knowledge in Data Structure and Algorithm.

EMPLOYMENT

1. **Knowledge Solutions India** Machine Learning Intern (July 2021 - September 2021)
 - Worked as a **Machine Learning Intern** in the organization.
 - Learnt how **machine learning algorithm** works.
 - Gained knowledge about **neural networks**.
 - Built a **Heart Disease Recognition model** during the training.

EDUCATION

- **N. B. Navale Sinhgad College of Engineering [Solapur University]** | Bachelor's in Computer Science | 9.42 CGPA
- **Sangmeshwar College, Solapur [XII] [State Board]** | 68.77%
- **St. Joseph High School, Solapur [X] [State Board]** | 87.44%

Publications

- Published a research paper on "**JOB SEARCH IMPROVING TECHNIQUE USING RECOMMENDATION SYSTEM AND OPEN AI.FOR FREELANCERS**" in [Lakshmi Book Publications \(ISSN: 2249-894X\)](#).

ACADEMIC PROJECTS

1. **Jarvis. [C-Python, Speech Recognition, NLTK]**
A C-Python app that works as a personal assistant that helps user ease day-to-day life tasks.
[Source Code](#)
2. **Biddings. [Python, Django, SQLite3, Heroku]**
A Django Web App that bridges the gap between service givers and service takers. It is hosted on Heroku. It helps freelancers get work.
[Source Code](#) [Biddings](#)
3. **Handwritten Text Extraction. [Django, Python, Deep Learning]**
Built a Deep Learning Model for extracting text from images. Trained on Neural Network. Had an accuracy of around 80%. It is a Django Web App.
[Source Code](#)

TECHNICAL EXPERTISE

- **Languages:** Python, Java, PHP, C, C++, HTML.
- **Frameworks / Libraries:** Django, Django Rest-Framework.
- **Technologies:** NLTK, Deep Learning, Machine Learning, Data Visualization, Data Science, Artificial Intelligence, Cloud Computing.
- **Databases:** MySQL, MongoDB, SQLite3, SQL, RDBMS.
- **Others:** Linux, Shell Scripting, Git, AWS, Heroku, AWS S3.

ACHIEVEMENTS

1. Qualified Microsoft Azure AI-900 Examination.
2. 600+ Problems Solved on LeetCode, Hackerrank, Codechef.