

ADITYA SHIRSATRAO

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PERSONAL DETAILS

Nationality	Indian
Date of Birth	April 25, 2004
Languages Known	Hindi, English, Marathi

EDUCATION

NKOCET <i>Bachelor of Technology in Artificial Intelligence and Data Science</i>	Solapur, Maharashtra Aug. 2023 – Present
Sarosh Junior College <i>Class XII (HSC, Maharashtra Board)</i>	Aurangabad, Maharashtra Aug. 2020 – May 2022
St. Thomas English Medium School <i>Class X (ICSE)</i>	Solapur, Maharashtra Aug. 2019 – May 2020

PROJECTS

Reddit Bot <i>Python, PRAW, Reddit API</i> <ul style="list-style-type: none">Developed a bot using Python and PRAW library to automate interactions on RedditImplemented functionality to scrape and analyze posts based on user-defined keywordsEnhanced automation by scheduling posts and replying to comments in real-timeUsed Reddit API to access subreddits and retrieve data for user engagement analysis	Jan. 2023 – Mar. 2023
Telegram Bot <i>Python, Telegram API</i> <ul style="list-style-type: none">Built a Telegram bot to automate group management tasks, including adding/removing usersIntegrated a custom command system for users to retrieve information on demandDesigned the bot to interact with external APIs, providing features like weather updates and news notificationsUtilized Python and Telegram API to handle bot functions in real-time	May 2022 – Jul. 2022
Chess Engine <i>C, Minimax Algorithm</i> <ul style="list-style-type: none">Developed a chess engine using the Minimax algorithm with alpha-beta pruning for optimal decision-makingImplemented board evaluation functions to simulate real-time gameplay with varying difficulty levelsIntegrated a graphical user interface to visualize game states and movesOptimized the engine for faster decision-making in critical positions using depth-limited search techniques	Jun. 2022 – Aug. 2022
Search Engine <i>HTML, CSS, JavaScript</i> <ul style="list-style-type: none">Created a search engine interface using HTML, CSS, and JavaScript to demonstrate front-end development skillsImplemented search algorithms to retrieve relevant data from a sample datasetEnhanced user interface with responsive design and interactive elements to improve the user experienceImproved page load times and performance optimization techniques for handling large datasets	Nov. 2021 – Jan. 2022

TECHNICAL SKILLS

Front-End Development: React.js (dynamic and responsive UIs, state management, routing, component-based architecture), JavaScript, HTML, CSS, Tailwind CSS (cross-platform, responsive interfaces)
Back-End Development: Node.js, Express.js (building RESTful APIs and managing server-side logic)
Database Management: MongoDB (CRUD operations, data schema management)
API Integration: Axios (fetching and integrating APIs into front-end applications)
Languages: Java, Python, C++, JavaScript, SQL

AWARDS AND ACHIEVEMENTS

Achieved LeetCode ranking under 800,000, showcasing problem-solving skills and algorithmic thinking.
Conducted seminars on Chandrayaan-3 and AI, enhancing public speaking and presentation skills.
Completed 50+ projects utilizing HTML, CSS, and JavaScript, demonstrating practical web development experience.
Received recognition for leadership in team projects, fostering collaboration and innovative problem-solving.