

Pinak Thakar

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GitHub: github.com/pinak95

Portfolio: pinakthakar.codes

Education

- **Charotar University of Science and Technology** Gujarat, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.02 August 2019 - August 2024
- **St Xavier's High School** Gujarat, India
Higher Secondary Certificate (HSC); Percentage: 80% August 2018 - March 2019
- **Little Star** Gujarat, India
Secondary School Certificate (SSC); Percentage: 86% August 2016 - March 2017

Programming Skills

- **Languages:** HTML, CSS, JavaScript, Python
- **Frameworks:** React.js, Node.js, Express.js
- **Databases:** MongoDB, MySQL, SQLite3
- **Tools:** Git, GitHub, Visual Studio Code, Postman

Experience

- **Arihant Computers** Gujarat, India
Web Developer with Machine Learning Intern May 2023 - June 2023
 - **Website Development:** Developed a location-based house price prediction website using HTML, CSS, and JavaScript, along with a Python Flask server to build a robust API for seamless integration
 - **Machine Learning:** Implemented machine learning algorithms including Lasso, Decision Tree Regressor, and Linear Regression, resulting in a significant improvement in price prediction accuracy
 - **Performance Evaluation:** Utilized GridSearchCV to evaluate and compare algorithm performance, achieving an accuracy rate of 84.77%

Projects

- **Solana Blockchain Token**
 - Created a Solana blockchain-based token and optimized transaction speed by 1 second through integration with the Phantom Wallet
 - Tech:** Solana blockchain, Solana CLI, Phantom Wallet [Check it out...](#)
- **Real Estate Platform**
 - Developed an interactive platform for listing, selling, renting, and buying houses, leveraging the MERN (MongoDB, Express.js, React.js, Node.js) stack, resulting in increased user engagement and streamlined property transactions
 - Tech:** MERN Stack, Material-UI, Cloudinary, Heroku, MongoDB Atlas [Check it out...](#)
- **Password Wallet**
 - Implemented a user-friendly graphical user interface (GUI) using Tkinter and enhanced password encryption with random and hashlib libraries
 - Tech:** Python, SQLite3, Tkinter, Random, Hashlib [Check it out...](#)

Achievements

- Achieved a C1 score in Cambridge English Assessment's IELTS, demonstrating advanced language proficiency
- Secured 1st place in a highly competitive university-level debate competition
- Organized and managed 250+ teams in a coding contest, demonstrating organizational abilities
- Scored 900/1000 in Azure AI Fundamentals, showcasing comprehensive AI expertise