Pinak Thakar

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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