

# Jatush Hingu

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🐙 Jatush

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## Skills

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**Languages:** C, Python, Java, JavaScript

**Technologies & Tools:** HTML, CSS, JavaScript, ReactJS, Cloud Computing, Firebase, MySQL

## Education

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**Vidyavardhini's College of Engineering and Technology**

B.E. in Computer Engineering

*Expected June 2026*

## Projects

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### Drug Supply Management using Blockchain Technology

2024

- Developed a decentralized system for managing the supply chain of drugs using blockchain.
- Implemented smart contracts on the Ethereum blockchain to ensure secure, transparent, and traceable transactions.
- Used Ganache for setting up a personal Ethereum blockchain for testing and development.
- Integrated MetaMask for seamless interaction with Ethereum transactions and user authentication.
- Enabled drug tracking from manufacturers to end-users, ensuring authenticity and preventing counterfeit drugs in the supply chain.

### House Price Prediction using Machine Learning

2024

- Developed a machine learning model to predict house prices based on features like area, number of rooms, and location.
- Used the California Housing Dataset, which includes attributes like median income and proximity to coastal areas.
- Preprocessed the data by handling missing values, normalizing features, and splitting the dataset.
- Applied Linear Regression and Random Forest Regressor to predict house prices.
- Achieved better performance with Random Forest due to its ability to handle non-linear relationships.

### StudentGradeHub

2023

- Developed a website to evaluate student academics and help them identify future career paths based on their interests.
- Students can answer a series of questions to determine potential career options such as Java Developer, Data Scientist, etc.
- The platform allows teachers to evaluate students based on their academic profile and interests.
- Used interactive forms and user input to create personalized career recommendations.
- Designed an intuitive interface to enhance user experience and ensure ease of use.

### Personal Budgeting Chatbot

2022

- Developed a website to help users track their income, expenses, and overall financial health.
- Provides personalized tips on how to save, invest, and manage finances effectively.
- Integrated a chatbot to answer user queries regarding budgeting, investment, and savings.
- Designed an intuitive dashboard to visualize spending patterns and suggest ways to optimize budgets.
- Aimed at improving users' financial literacy and offering actionable advice to manage personal finances.

## Work Experience

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### Intern, Prodigy Infotech

*[Dec 2023 - Jan 2024]*

- Assisted in front-end and back-end web development tasks.
- Gained experience with UI libraries like Tailwind CSS, and integrated various APIs into projects.

## Certifications and Extra Curricular Activities

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- Completed multiple courses in Cloud Computing and collected various badges in it by google arcade and AWS events.
- Participated in national-level hackathons and coding competitions.
- Software Engineering Job Simulation for JPMorgan Chase and CO. via forage
- Data visualisation: Empowering Business with Effective Insights for Tata grp via forage