

# Saish Fatangare

+919356894542 | [fatangaresaish30@gmail.com](mailto:fatangaresaish30@gmail.com) | [GitHub/Saishf](https://github.com/Saishf) | [linkedin/saish-fatangare](https://www.linkedin.com/in/saish-fatangare)

## EDUCATION

### Vishwakarma Institute of Technology

Pune, IN

*Bachelor of Technology in Electronics and Telecommunication Engineering | CGPA : 8.26/10*

*Dec. 2021 – Present*

### Nutan Vidyamandir( Sec. and Higher Secondary)

Nashik, IN

*HSC Percentage : 86*

*2021*

## PROJECTS

### Salary Predicting website using machine learning

Jan 2022 – Apr 2022

- Perform linear regression on salary data extracted from a CSV file, utilizing scikit-learn's LinearRegression module for modeling.
- Visualize the data, including scatter plot and regression line, and assess model performance through metrics like root mean squared error and coefficient of determination ( $R^2$ ). The model achieved 92% accuracy.
- GitHub Link - <https://github.com/Saishf/Salary-prediction-using-ml>

### Crypto Currency Price Prediction using GRU LSTM

Jan 2024 – May2024

- Developed advanced GRU and LSTM models for time series forecasting using Binance cryptocurrency data, enhancing GRU with additional layers, neurons, and technical indicators.
- Implemented data extraction, preprocessing pipelines, early stopping, and hyperparameter tuning, demonstrating results through Jupyter Notebook and Python scripts. achieving high accuracy of around 85-90%
- GitHub Link - <https://github.com/Saishf/Crypto-currency-price-prediction-using-gru-lstm>

### Newsapp using React (personal project)

Jan 2024 – Mar 2024

- Architected a React.js web application with advanced functionalities, including news retrieval and display, API integration, state management, and responsive design techniques.
- Employed React Router, Hooks, and Infinite Scroll technologies to enable smooth navigation, efficient data fetching, and optimized rendering of news articles for enhanced user experience.
- GitHub Link - <https://github.com/Saishf/Newsapp-using-React>

### Blood Bank Management System

Aug 2022 – Dec 2022

- Designed and Implemented a blood bank management system backend using MySQL. This system facilitated donor and recipient data management, blood type inventory, and hospital blood requirement tracking.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL,PHP

**Frontend:**HTML, CSS, Javascript, React

**Technologies and Skills:**Machine Learning, Data Structures and Algorithms, Operating Systems, Database Management Systems, Object-oriented programming

**Python libraries :** NumPy, Pandas, Matplotlib, Seaborn,

**Developer Tools:** WordPress, Git, Github, VS Code, PyCharm, IntelliJ, Eclipse, MySQL, Postman, Jupyter Notebook

## PAPER PRESENTATION

- 1] 5th International Conference on Communication and Intelligent Systems(ICCIS 2023) - Paper Title - Handwritten text to digital text conversion
- 2] 4th International Conference on Computer Vision and Robotics(CVR 2023) - Paper Title - War Based filed Spying Robot with Night Vision Camera and Landmine Detection system

## VOLUNTEERING

31st Edition of Aatmabodh - "A Digital Literacy Program" conducted between 10th oct 2023 to 17th oct 2023 by Social welfare and Development committee VIT Pune