

Praveen R

Full Stack Engineer

+917899010900 | praveenranganath0422@gmail.com |

254 7th C Main Road West of Chord Road 1st Stage Basaveshwar Nagar, Bengaluru, Karnataka, 560079, India | [LinkedIn](#)

| [GitHub](#) | [Portfolio](#)

SUMMARY

Full Stack Engineer with expertise in developing scalable web applications, machine learning solutions, and optimizing system performance.

Experienced in both front-end and back-end development, leading teams, and implementing efficient solutions for business applications.

WORK EXPERIENCE

Full Stack Engineer, BitSmart, Bengaluru, India

Dec 2024 - Present

- Leading a team in designing and developing full-stack applications.
- Implementing scalable and high-performance solutions for web applications.
- Collaborating with cross-functional teams to enhance user experience and security.
- Staying updated with the latest technologies and integrating best practices.

Associate Application Developer (Internship), NILE HOSPITALITY, Bengaluru, India

Mar 2024 - Jun 2024

- Developed full-stack solutions for a customer service ticket assignment system in the purifier services sector.
- Utilized HTML, Python Flask, React.js, CSS, and MSSQL to improve system efficiency.
- Optimized user experience and system performance for seamless operations.

Python Intern, Technofly solutions, Bengaluru, India

- Automated repetitive tasks using Python scripts, reducing manual efforts by 10 hours per week.
- Created machine learning algorithms with Scikit-learn to process and analyze large datasets.
- Enhanced model accuracy by 20% through feature engineering and hyperparameter tuning.

EDUCATION

East West Institute of Technology, Bengaluru, India - B.E, Information Science - GPA: 7.5 CGPA

Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Software Engineering, Machine Learning.

CARMEL PU COLLEGE, Bengaluru, India - PUC, CLASS 12 -- GPA: 73%

May 2018 - May 2020

College Basketball Team Captain: Led a 10-member team, balancing academics and fostering teamwork.

JOHNSON GRAMMAR SCHOOL (CBSE), Hyderabad, India - Matriculation, CLASS 10 -- GPA: 7.3 CGPA

May 2017 - May 2018

Represented the school in mathematics and coding competitions.

Member of the Robotics Club, contributing to multiple projects.

CERTIFICATIONS

Full-stack Web Development, Internshala Training

Machine Learning Algorithms, Internshala Training

Prompt Engineering for Generative AI, Internshala Training

Generative AI, Internshala Training

AI Tool Workshop, Be10X

AWARDS

Best Project Award

– Recognized for excellence in Machine Learning project on GDP Prediction.

PROJECTS

Salary Prediction Using Linear Regression, [Link](#)

- Built a machine learning model to predict salaries based on education, job title, and experience.
- Deployed using Streamlit.

Sales Price Prediction Using Machine Learning, [Link](#)

- Developed a Linear Regression model to predict product prices based on multiple input features.
- Deployed using Streamlit.

Viper Chatbot, [Link](#)

- AI-powered chatbot using Google Gemini API and Streamlit, featuring real-time responses and chat history retention.

Car Rental Portal, [Link](#)

- Full-stack web application using DBMS.

Airline Reservation System, [Link](#)

- File structure project.

GDP Analysis & Prediction, [Link](#)

- Machine Learning-based solution.

IoT-based Hand Gesture Unmanned Ground Vehicle, [Link](#)

- This project introduces a groundbreaking solution in the form of a Gesture-Controlled IoT Military Vehicle with Metal Detection and Radar Surveillance capabilities.

Sales Analytics Dashboard, [Link](#)

- Built using Microsoft Power BI.

Google Stock Analysis, [Link](#)

- Stock trend analysis using Microsoft Power BI.

SKILLS

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|----------------------------|---|
| Programming | : HTML, C#, C++, CSS, JavaScript, Java, SQL, Python Flask |
| Database Management | : MongoDB, MSSQL |
| Web Development | : Full Stack Development, REST APIs, Scalable Web Solutions |
| Data Visualization | : Power BI |
| Machine Learning | : Machine Learning |