

Deepak V

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Career Objective

As an M. Tech Computer Science and Engineering student specializing in Machine Intelligence, I am passionate about pursuing research in the fields of Machine Learning and Natural Language Processing. I aim to contribute to innovative and impactful projects that advance intelligent systems, with a focus on applying data-driven techniques to solve real-world challenges in language understanding, automation, and decision-making.

Education

Master of Computer Science and Engineering

PES University, Bangalore

2024 - Pursuing

CGPA: 7.82

Technical Skills

- Programming Languages: Python, SQL, JavaScript
- Web Development: ReactJS, Tailwind CSS, Node.js, MongoDB
- Machine Learning & Data Science: scikit-learn, pandas, numpy, matplotlib, seaborn, TensorFlow
- Version Control & CI/CD: Git, GitHub Actions
- Database: PostgreSQL, distributed database concepts
- Operating Systems: Linux/Unix
- Cloud & DevOps: Docker, AWS (basic usage), REST APIs
- Cybersecurity Awareness: OWASP Top 10 (basic), Social Engineering Prevention Principles

Projects

1.AI-Powered Medical Diagnosis Tool

Python, scikit-learn, TensorFlow, Streamlit

- Developed a machine learning model to predict diseases (like diabetes, heart disease) from patient data.
- Designed a Streamlit web app for real-time predictions and data visualization.

2.Expense Tracker

ReactJS, Tailwind CSS, Node.js, MongoDB

- Built a full-stack expense tracking app for easy personal finance management.
- Implemented user authentication, real-time data updates, and dynamic chart visualizations.

3.Chatbot for Cybersecurity Training and Awareness (currently working)

Python, Node.js, NLP libraries, MongoDB

- Developing an interactive chatbot to promote cybersecurity awareness among individuals and organizations.
- Provides educational content and simulated phishing scenarios to train users on identifying and avoiding threats.
- Designed with a modular intent to adapt content for both corporate and public sector use.
- Integrates secure data handling practices and feedback collection to improve training effectiveness.

4.Fashion Image Classification UI

Python, TensorFlow, Keras, Streamlit

- Built a deep learning model using the Fashion MNIST dataset to classify images of clothing items.
- Developed a user-friendly Streamlit interface allowing users to drag and drop images for real-time classification.
- Achieved high accuracy and responsive performance with a lightweight CNN architecture.
- Focused on user experience and model reliability for accessible fashion item recognition.

Work Experience

Salesforce Developer

Addonblue Pvt. Ltd., Hyderabad

April 2023 - October 2023

- Developed and debugged Salesforce programs to meet business process requirements.
- Collaborated with teams to ensure code met high-quality standards and customer needs.

Internship - Full Stack Developer

Virtusa Consulting Services Pvt. Ltd., Chennai

August 2022 - October 2022

- Learned emerging technologies and contributed to technical solutions.
- Collaborated with senior developers to build responsive web applications.

Certifications

- Salesforce Platform Developer 1

Soft Skills

- Collaborative and team-oriented
- Proactive and customer-focused
- Strong written and verbal communication
- Analytical and detail-oriented
- Quick learner with a growth mindset