



Bharath Kumar R

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Bangalore, India

MACHINE LEARNING AND DATA ANALYSIS

Enthusiastic and dedicated aspiring Machine Learning professional, currently pursuing Bachelors in computer science. Eager to leverage emerging skills in machine learning algorithms, statistical analysis, and programming to excel as a future Machine Learning Engineer or Data Scientist. Possesses a strong aptitude for problem-solving and a keen interest in contributing to cutting-edge projects that drive technological advancement and business success.

KEY COMPETENCIES

- Machine Learning Algorithms
- Statistical Knowledge
- Deep Learning
- Programming Languages (Python, R, etc.)
- Model Evaluation and Optimization
- Data Visualization
- Data Analysis
- Feature Engineering
- Problem-Solving
- Consistency
- Project Management
- Continuous Learning

PROFESSIONAL EXPERIENCE

Lets be the Change

Software Development Intern

Sep 2023 - Present

Engaged in the development of a versatile digital solution spanning mobile platforms. Complemented by an intuitive interface for administrators, this project aims to facilitate community management through rich data visualization. The end result is set to enhance user experiences and streamline operational processes.

Compssoft Technologies

Machine Learning Intern

Aug 2023 - Sept 2023

Dynamic machine learning internship encompassing diverse concepts, including recognition algorithms and NLP. Pioneered a Twitter sentiment analysis project during the COVID-19 pandemic, successfully implementing it into a Flask app with a user-friendly front end.

Pantech e learning

Data Science Intern

Aug 2023 - Sep 2023

Cultivated skills in predictive modeling (Random Forest Regression), data visualization (Power BI), NLP, and CNN for digit recognition. Contributed to COVID-19 prediction and spam classification projects. Applied deep learning to churn prediction, conducted statistical analysis, and mastered text preprocessing techniques. Enriched my data science toolkit with practical, real-world experience.

Alltramatric

Software Engineering Intern

Mar 2023 - Apr 2023

During my Alltramatric internship, I handled Selenium for web automation, handled satellite imagery, implemented SMTP, worked with APIs, and leveraged Python programming for diverse applications, enriching my skills in practical technology use.

SkillVertex

Campus Ambassador

Nov 2022 - Dec 2022

A campus ambassador role hones leadership, communication, and marketing skills through event planning and engagement. Networking, problem-solving, and organizational abilities are cultivated, while industry insights, resume enhancement, and a positive campus impact round out the valuable experience.

Layer 5

Open Source Contributor

July 2020 - Sep 2020

Winning the JITHACK hackathon led me to a significant opportunity at Layer5, a company specializing in Kubernetes and Meshery technology. Beyond my initial hackathon involvement, I actively contributed to the team, delving into the world of Kubernetes and Meshery. Additionally, I played a rather good role in the company's documentation, refining both technical and communication skills. This experience enriched my understanding of cutting-edge technologies.

RESEARCH EXPERIENCE

"I am the author of a groundbreaking research paper, titled '[A Deep CNN-Based Approach for Identifying Medicinal and Edible Plants in the Western Ghats Region](#),' which is set to be published by **Atlantis Press, part of Springer Nature's 'Atlantis Highlights in Computer Science (AHCS)' series**. This research showcases my expertise in applying deep learning to environmental science challenges, highlighting my commitment to scientific innovation and multidisciplinary research."

EDUCATION

Bachelor of Engineering CSE

Jyothy Institute Of Technology 2020 -2024
Bangalore, India

Pre University

Sadhana PU College 2018 -2020
Bangalore, India

CERTIFICATIONS

- Accenture Virtual Experience Program in AI -Forage
- Advanced Artificial Intelligence Certification - Unschool
- Artificial intelligence certification course - Programming Hub
- C++ Programming - Programming Hub
- Getting started with AWS machine learning - Coursera
- Basics of Android Development
- Git Certification - Programming Hub
- Java - Programming Hub
- Python (Programming Language)
- Red Hat RHC124 and more on the way

EXTRACURRICULAR ACTIVITIES

- Participated in over **5+ Hackathons** and won in over 3 of them.
- Tech-Club Core Committee member** - Organized National Level Hackathon
- Youth-For-Seva, **Leader** -Led a team of 9 volunteers for the Chhote Scientists Youth For Seva campaign
- 5-Star** coder on HackerRank
- Authored a **research paper** based on AI
- Recently won a project exhibition at GSSS Mysore.
- Debate:** I have consistently won prizes every time I have participated.
- Podcast: Generated over \$15+
- Blogger** -<https://www.medium.com/@thebharathkumar>
- Completed various professional certifications

PROJECTS

- Customer Churn-for-business- **Machine learning**
- Twitter Sentiment Analysis Covid 19 - **Machine learning**
- docker_microservices -**Python**
- Credit-card-scraping -**Web scraping**
- faceDetectionMultipleWithHigherFrameRate -**Python**
- handGesture-recognition-collection-and-testing -**Python**
- Weather-app -**ReactJs**
- Client-Cab-share-**Blockchain**
- distance-between-a-pet-and-a-human-using-machine-learning-and-yolov3
- 25+** Machine learning prediction models can be implemented in real life situations -**Python**
- Notes App -**Blockchain**
- Agro - Cultivator Effective Market Place -**DBMS**