

# Krishna Ravishanker

Linkedin: [linkedin.com/in/krishnaravishanker](https://www.linkedin.com/in/krishnaravishanker)

GitHub: [github.com/krishna-ravishanker](https://github.com/krishna-ravishanker)

Email: [krishnaravishankerwork@gmail.com](mailto:krishnaravishankerwork@gmail.com)

Portfolio: [krishnaravishanker.com](https://krishnaravishanker.com)

Mobile No.: +91 7977875885

## EDUCATION

### MANIPAL UNIVERSITY JAIPUR

BTECH IN INFORMATION  
TECHNOLOGY

Oct 2021 - July 2025 | Jaipur, RJ

Dean's List for Academic Excellence x4

Cum. GPA: 8.88 / 10.0

### NEW BOMBAY CITY SCHOOL

CLASS 12TH EQUIVALENT

QUALIFICATION

June 2019 - May 2021 | Navi Mumbai,  
MH

12th Board Exams: 82%

JEE Mains: 84 Percentile

## COURSEWORK

### COURSES

Artificial Intelligence & Machine Learning

Cloud Computing

Object Oriented Programming

Operating Systems

Computer Networks

Data Science

Relational Database Management

Systems

### EXTRACURRICULAR

Complete Generative AI Course With  
Langchain and Huggingface by Krish Naik

Complete Machine Learning & Data  
Science Bootcamp 2023 by Zero to  
Master

Complete Data Structures and  
Algorithms in Python Bootcamp by  
Elshad Karimov

Software Engineering by NPTEL

## SKILLS

Languages: C, Python, HTML, CSS,  
JavaScript, MySQL

Tools: Git/GitHub, AWS, Microsoft  
Office/Google Workspace, Conda,  
Wordpress, LaTeX

Frameworks: React.js, SASS, Tailwind.css,  
Bootstrap, Streamlit

Libraries: Pandas, NumPy, Matplotlib,  
Scikit-Learn, TensorFlow 2.0, Seaborn,  
Keras, NLTK

### INTERESTS

Gym, Swimming, Finance, Stock Market,  
Hiking & Trekking, Running, Guitar &  
Ukulele, Travelling, Self Improvement,  
Reading

## EXPERIENCE

### SOFTURA | SOFTWARE ENGINEER INTERN

Aug 2024 - Aug 2024 | Remote

- Designed the architecture for a serverless AI-based learning platform, integrating 5+ services. Streamlined the deployment process by creating and managing Infrastructure as Code (IaC) using SAM templates.
- Resolved critical deployment issues related to SAM CLI and API Gateway configurations, leading to successful deployment of the java program on AWS with 0 rollback errors.
- Completed 1 comprehensive API Gateway workshop, successfully creating, deploying, and securing APIs while integrating authentication using AWS Cognito.

### 180 DEGREES CONSULTING | TREASURER

Aug 2023 - July 2024 | Jaipur, RJ

- Managed club finances, prepared and delivered regular financial reports to Directorate of Student Welfare. Planned & Organised 2 major 180DC events, and consulted non-profit organisations.
- Led a team of 8+ members for a data analytics report analysing the trends and patterns in placements of engineering students in private universities in India.

## PROJECTS

### HEART DISEASE CLASSIFICATION | PYTHON, PANDAS, NUMPY,

SCIKIT-LEARN, SEABORN, JUPYTER NOTEBOOKS, GIT

Jun 2024 - Jun 2024

- Conducted data analysis on the problem statement of predicting heart disease in patients based on set of 14 clinical and medical parameters.
- Achieved an accuracy rate of 88.5% in classifying heart disease cases, improving early detection by building a machine learning model.
- Conducted exploratory data analysis (EDA) across 5+ different channels to uncover patterns in the dataset, enhancing our understanding of its impact on predicting heart disease.
- Performed hyperparameter tuning which resulted in a 5% improvement in model accuracy compared to initial findings and multiple evaluation metrics to improve performance of optimal model.

### DOG BREED IDENTIFICATION | PYTHON, PANDAS, NUMPY,

SCIKIT-LEARN, MATPLOTLIB, TENSORFLOW, KERAS, GIT

May 2024 - May 2024

- Built an dog breed image classifier with TensorFlow, achieving 93.62% accuracy in identifying 120 dog breeds from a dataset of 10,200 labeled images.
- Developed a preprocessing pipeline that converted 100% of images to tensors, normalized pixel values (0-255 to 0-1), and resized images to 224x224 pixels, optimizing input for model training.
- Reduced training time using 2 methods, early stopping & TensorBoard callbacks.

## AWARDS

2023	9+ GPA	Dean's List for Academic Excellence x4
2023	1 <sup>st</sup> Place	Epiphany Ideathon by IEEE
2023	3 <sup>rd</sup> Place	Mini-Hacks 3.0 by ACM
2022	1 <sup>st</sup> Place	Internal Case Competition by 180DC