

Charana H U

✉ charanhumail@gmail.com

📍 Shivamogga, India

🌐 [link.com/charanhu](https://www.linkedin.com/in/charanhu)

🐙 github.com/charanhu

OBJECTIVE

Hard-working Software Engineer with a Bachelor of Engineering (8.36 GPA). Aiming to leverage acquired academic, industrial knowledge and proven technical, teamwork, and problem-solving skills to successfully fill the Data Scientist role at your company. Frequently praised as focused and smart worker by my peers, I can be relied upon to help your company achieve its goals.

EXPERIENCE

TietoEvry (India) - Machine Learning Engineer

📅 October 2022 - Present

📍 Bangalore, India

- Insurance Recommendation System at TietoEvry (India) is organizational project. Objective is to Recommend of insurance plan to clients who is mostly purchase the recommended insurance plan. Developed a XGBoost Model based on Gradient Boosting method. XGBoost has in particular the Parallel learning and Regularization characteristics.
- Research the previous methodologies, Data Collection, Exploratory Data Analysis, Data Preprocessing, Machine Learning Model Building, Training the Model, Testing the Model, Responsible for working with team and building individual module.
- Conduct machine learning tests and experiments, use test findings to guide statistical analysis, Systems should be trained and updated as appropriate.

TietoEvry (India) - Software Engineer

📅 Mar 2022 - October 2022

📍 Bangalore, India

- Developed a Medicare Part D Claims Adjudication capability into OneArk™ System. Enhanced & Maintained of PharmPix existing products. Provided business process support to manage client interactions and mapping them into OneArk™.
- Expert in designing and developing web and windows-based applications using MVC, ASP.NET, C, ADO.NET, Entity Framework, Enterprise Library, LINQ, SOAP, Web Services, AJAX Control Tool Kit, IIS, XML and XSLT.

DLithe - .NET Full Stack Developer Intern

📅 January 2022 - March 2022

📍 Bangalore, India

Built a responsive Insurance Web Application which includes Login Portal, Creating new Insurance Policy, Adding the User, Deleting the User, Updating the User details, Tracking all the purchased policy, Services. The technologies used are C#/.NET Framework, SQL, Microsoft Services, JavaScript, Bootstrap, Angular, Git/GitHub.

Applied AI Course - Student

📅 August 2021 - August 2022

📍 Hyderabad, India

Developed a Machine Learning & Deep learning model to solve real world business solutions. Learnt Exploratory Data Analysis, Data Preprocessing, NLP & it's algorithms, Machine Learning & it's algorithms, Deep Learning & it's algorithms and Statistical techniques. Worked on self-case studies. Published Medium blogs on self-case studies. Learnt deploying models on cloud platforms like AWS, Azure, Heroku, Google Cloud Platform.

EDUCATION

Bachelor of Engineering in Information Science

SDM Institute of Technology, Ujire, Mangalore.

📅 2017-2021

📍 Dakshina Kannada, India

CGPA: 8.36/10

CERTIFICATIONS

- [Applied AI Course](#)
- [Neural networks and Deep learning](#)

PROJECTS

Skin Cancer Detection Using Artificial Intelligence

- Developed deep learning model to classify given query image into one of the 7 different classes of skin cancer.
- Deployed the model into the Heroku cloud using Flask.

Used: Python, Flask, NumPy, TensorFlow, Keras, GitHub actions, Heroku

Face Emotion Detector in a Video using CNN

- Build a deep learning model to detect the face emotion of a person given query video.
- Implemented face detection, features extraction and emotion classification

Used: Python, OpenCV, NumPy, TensorFlow, Keras, GitHub actions

Google Analytics Customer Revenue Prediction

- Develop classification and regression models for predicting customer revenue.
- Classification model is to predict whether the user will come to store or not.
- regression model is to predict customer revenue.

Used: Python, Pandas, NumPy, TensorFlow, GitHub actions, Kaggle

SKILLS

- **Languages:** English, Kannada, Hindi
- **Programming Languages:** Python, C++, C#/.NET Framework, C
- **Web:** HTML, CSS, JavaScript, PHP
- **Database:** MySQL, SQL Lite, Microsoft SQL Server
- **IDE:** Eclipse, PyCharm, Visual Studio
- **Cloud:** AWS Sagemaker, Azure ML, GCP
- **Soft Skills:** Public Speaking, Leadership, Teamwork

ACHIEVEMENTS & RECOGNIZATIONS

- Winner at App-Athon 2019 at AIT.
- GitHub Developer Program Member.
- Runner up at Engineers Day Special 2019.
- Recognized at K-Teck 2019.
- Runner up at Project Experia 2018.
- Recognized at Texas Instrumentation Project Development.
- Recognized at Start-up Karnataka 2018.

OTHER HIGHLIGHTS

Content Creator, Partner - YouTube

Having a 3K+ subscribers, Producing quality videos on Machine Learning, Deep Learning, Applied Machine Learning Fundamentals, Python Programming, C++ Programming, Gadgets and Education.

Internship - Businesses Development Manager

Learned about sales, marketing, online marketing, digital marketing, product promotion, Facebook ads manager, LinkedIn campaign, promoting videos in YouTube and Podcasting.

Project head - IICDC innovation challenge(Make in India)

As a project head maintained harmony with all the coordinator. And also worked as developer.

Technical Head - Experia 2k19

As a technical head successfully completed improving technical and personality development event for 2019 B. E batch.

Sports

- Kho Kho Player - SDM Institute of Technology, Ujire.
- Football Player - SDM Institute of Technology, Ujire.