

# Bhagavath Annamalai

Full Stack Developer | Data Analyst | IoT Enthusiast | AI & ML Engineer | Video Editor

Full-stack web developer and data analyst with a strong background in AI, machine learning, and IoT. Proven experience in developing responsive web applications, predictive analytics, and creating AI-driven solutions. Adept in Python, Java, and MATLAB, with solid expertise in MySQL, React.js, and TensorFlow. Currently interning at StartupTN, working on IMDb movie rating prediction and soil classification projects.

## PROFESSIONAL EXPERIENCE

### OASIS INFOBYTE – Web Development Intern

July 2024

- Successfully completed a 1-month internship with a focus on responsive web development, earning excellent feedback.
- Contributed to front-end and back-end development of client projects.

### Apollo Institute – Python Intern

July 2023

- Successfully completed a [duration] internship with a focus on Python development, receiving positive feedback.
- Contributed to building efficient Python-based applications, enhancing data processing and automation for client projects.

## Educational Background

### Bachelor of Technology in Computer Science Engineering

Er. Perumal Manimekalai College of Engineering

2021 – 2025

- Data Analytics, Artificial Intelligence

### Schooling

Shantiniketan Educational Institution

2018–2019

## PROJECTS

### Soil Type Classification Using Python

- Built a classification model for 3 soil types, with output metrics such as Percent Gravel, Percent Sand, and Percent Silt, achieving high accuracy.

### Heart-Attack Analysis & Prediction Using Classification

- Developed a model to predict heart attacks using Logistic Regression, SVM, and KNN, with AUC and K-fold cross-validation for evaluation.

### React.js Login Form

- Developed a login form using React.js with password validation and conditional rendering to improve user authentication.
- Implemented a success message display and integrated error handling for smooth user experience.

### Fruit Shop Web Page

- Created a dynamic and responsive web page for an online fruit shop using HTML, CSS, and JavaScript.
- Designed an intuitive interface for browsing products and managing orders, enhancing the user shopping experience.

## Contact

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**GitHub:** ArBhagavath02

**Portfolio:** <https://artech02.netlify.app>

## Skills

### Web Development:

HTML, CSS, JavaScript, React.js, Node.js, Bootstrap

### Back-End Technologies:

Python, Java, PHP, MySQL, MongoDB

### Data Analytics:

Python (NumPy, Pandas), Excel, Power BI, SQL, Tableau

**Machine Learning & AI:** TensorFlow, CNN, k-NN, SVM, Random Forest, Decision

Trees  
**Programming Languages:**

C/C++, Java, Python

### Tools & Technologies:

Git/GitHub, Adobe Photoshop, Figma, Blender, MATLAB, Docker, AWS, IBM Cloud, Google Colab, Adobe XD, Adobe Illustrator

## Certification/Short Courses

- HTML & CSS (Infosys)
- JavaScript (Infosys)
- MongoDB (MongoDB)
- Python (GUVI Geek Network)
- IBM Cloud Essentials (IBM)
- Generative AI (Google)
- AI Skills Challenge(Microsoft)
- Machine Learning with TensorFlow(Google&Mathworks)
- Deep Learning Onramp(Mathworks)

## LANGUAGES

- English (Fluent),
- Tamil (Native)
- Kannada (Conversational),
- Hindi (Conversational)
- Telugu (Basic)

## HOBBIES

- Music
- Dance
- Web Design
- Video Games