



Prathyuksha Nair J

Data Scientist, AI & Web Engineer

ABOUT ME

I am a dedicated student, recognized for my intellect and unwavering commitment to innovative learning. My fervor lies in programming intelligent systems and crafting expert machinery. I hold deep admiration for the skill sets, ethical standards, and enthusiasm essential to excel in Data Science and Web Engineering. With optimism, dynamic leadership, and adept communication, I foresee a bright future in my career as a Data Scientist and Web Engineer, contributing significantly to technology and AI domains.

CONTACT

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- [Prathnair.github.io](https://github.com/Prathnair)
- Tamil Nadu, India

EXPERTISE

Data Science & Analytics	●	●	●	●	●
Web Engineering	●	●	●	●	●
ML Stats Analysis	●	●	●	●	●
AWS, IBM Cloud	●	●	●	●	●
AI Image Processing	●	●	●	●	●
Deep Learning	●	●	●	●	●



EDUCATION

Hindustan University- HITS
2020-2024

Bachelor of Technology

Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning (IBM).

New Jyothi Central School
2018-2020

Central Board of Secondary Education- XII

Excel Central School
2016-2018

Indian Council of Secondary Education- X



EXPERIENCE

Skill Vertex, Bengaluru (Remote)
2021-2022

Artificial Intelligence Intern

UiPath Student Developers Champion (HITS)
2022- Current

Core Member- Process Mining Facilitator

Information System Audit and Control Association
2022- Current

Student Member-

One in Tech Scholar Recipient 2022



TECHNICAL SKILLS

- Experienced in Developing Front end Responsive and Interactive Webpages using HTML, CSS, JavaScript with database proficiency in MYSQL
- Proficient in working with any Cloud tools and also deeper understanding in Cloud
- Infrastructures.
- Proficient in deriving the insights, patterns and trends in Data and mount it via website/ web applications
- Hands on Experience in IBM Cognos Analytics, AWS Sage maker, Vertex AI
- Proficient at Python Programming libraries, Java, C, and R
- Proficient in Business Intelligence and Deriving Insights on Data by developing
- interactive Dashboard and mount it in Web applications
- Proficient in developing various deep learning models using various DL Algorithms.
- Developed various OpenCV models and Image Processing
- Hands on Experienced in Arduino & Raspberry pi (Both Hardware and Software)
- Hands on Experienced in Cisco Packet Tracer.



PROJECTS

- Portfolio ([Prathnair.github.io](https://prathnair.github.io))
- Analytics tool for E- Commerce Business- IBM Cognos Analytics.
- Smart Doorbell system using Raspberry Pi (An Adaptive Strategy Block Method.
- "Blockchain Mapping of Supply Chain Management"- An Indo Universal collaboration for Engineering Education- POPBL Paper and Project Presentation.
- HR Analytics- Data Analysis and Business Intelligence.
- Leather Defect Detection - a Deep learning approach.
- Fraud Detection and Analytics- an unsupervised approach- Kaspersky project with their dataset
- "LEXIWALKER"- A web app for assessment of Reading and Learning disabilities in children with SLD (Present)
- Agrovaango- A web page created for a client



LICENCES AND CERTIFICATIONS

- Professional Artificial Intelligence Course - DIAT- DRDO
- ISACA- Professional Artificial Intelligence (Present)
- Cisco Certified Network Associate (CCNA)
- AWS Academy Graduate- AWS Cloud practitioner
- IBM- Enterprise grade AI IBM- Cloud for Enterprise
- Cisco- Cybersecurity Essentials



ACHIEVEMENTS AND ACTIVITIES

- Participated in the Group Discussion Conducted by WCSF (Word Cyber Security Forum) and won 2nd Runner up
- Participated in the International Conference on Advanced and Applications of Artificial Intelligence and Machine Learning hosted by Sharda University in collaboration with Springer
- Participated in the Student Projects Oriented for Problem Based Learning by Indo Universal Collaboration for Engineering Education. I led my team and got a Grade B in the research project titled- "Blockchain Mapping of Supply Chain Management".
- Participated in the hackathon- "IBM HACK CHALLENGE" conducted by International Business Machine Corporation in Collaboration with Smart Interns
- Participated and Attended the Fourth Conclave on Smart Cities by Robert Bosch Centre for Data Science and Artificial Intelligence- Indian Institute of Technology, Madras
- Participated in Robowars- with 60 kg and 15 kg War robot and Hover drive, Tathva '22- Biggest Techno- Management Fest in South India, hosted by National Institute of Technology- Calicut.
- Participated in IBM ICE Day Hackathon Conducted by IBM at Hindustan University and won second Runner up
- One in Tech Scholarship Recipient- Information Systems Audit and Control Association in association with NTT Data



PROFESSIONAL SKILLS

- Good Leadership Skill
- Good Communication skill
- Critical Thinking ability
- Multitasking
- Adaptability
- Good Interpersonal skills
- Problem Solving Skills



LANGUAGE PROFICIENCY

- English
Professional Working Proficiency
- Hindi
Limited Working Proficiency
- Malayalam
Native Mother Tongue
- Tamil
Limited Working Proficiency
- Japanese
Beginner level Proficiency