

# Kaveesh Khattar

☎ +91 98193 79487 | ✉ kaveeshkhattar@gmail.com | 🌐 kaveeshkhattar | 🐙 KaveeshKhattar | 🌐 kaveeshkhattar.github.io

## EXPERIENCE

- **AT&T** Bengaluru, India  
Software Developer Feb 2024 -
  - Developed a platform to enhance intern onboarding using **HTML**, **CSS**, **JavaScript**, **Spring Boot**, **PostgreSQL**, and **Docker**, resulting in a 30% reduction in sync-up time and a 40% decrease in unnecessary team calls by streamlining communication and providing tailored onboarding schedules for interns starting on different dates.
- **Myelin Foundry** Bengaluru, India  
Machine Learning Intern June 2023 - July 2023
  - Researched and created a driver wellness tool, using **pandas**, **NumPy** and **scikit-learn**, achieving 85% accuracy in detecting chronic inflammation by constructing a dataset with 5,000 samples and markers like Heart Rate Variability (HRV), skin impedance, and temperature, and employing traditional and deep learning algorithms for predictions.

## EDUCATION

- **PES University** Bengaluru, India  
Bachelor of Technology in Computer Science – Specialisation in Data Science – GPA: **8.94/10**. June 2024
  - **Coursework:** Data Structures & Algorithms, Computer Networks, Operating Systems, Databases, Big Data
  - **Awards:** Prof. MRD Scholarship - awarded to top 20% of class (5 out of 8 semesters).
- **Sri Kumarans Childrens Home** Bengaluru, India  
Senior Secondary (CBSE): **95.2%** March 2020

## SKILLS

- **Languages:** Shell Scripting, HTML, CSS, JavaScript, TypeScript, Python, Java, SQL, GraphQL
- **Technologies:**
  - **ML:** pandas, NumPy, TensorFlow, PyTorch, scikit-learn, NLTK, fastText, spaCy, HuggingFace, Streamlit
  - **Web:** React, Tailwind, Express, Django, Flask, Spring Boot, MySQL, PostgreSQL, MongoDB
  - **Cloud:** Git, Docker, Kubernetes, Microsoft Azure

## PROJECTS

- **Local Retrieval Augmented Generation (RAG) Pipeline**
  - Developed a RAG pipeline, using **pandas**, **NumPy**, **SentenceTransformer**, improving document interaction efficiency by 40% by extracting text from documents, developing retrieval systems for precise data extraction using iterative expansion methods to enhance contextual understanding, and utilizing **Gemma** (an LLM from Google) to generate concise, informative responses. [Link]
- **Solan - Cisco Talent Outreach**
  - Developed and launched Solan, a web application built using **HTML**, **CSS**, **JavaScript**, **Django** and **MySQL** to foster learning through collaborative question bank creation. Under the guidance of a Cisco mentor, I worked with a team of five classmates, to deliver a platform that promotes knowledge acquisition through crowdsourcing. Solan garnered active participation from 75% (60 out of 80 students) of the CS class. [Link]

## PUBLICATIONS

- **Understanding the Psychological Needs at Play in Disinformation** Bengaluru, India  
Undergraduate Researcher May 2022 - June 2023
  - Conducted research to investigate the underlying psychological processes and motivations behind the production of disinformation, analyzing 34,000 tweets. Evaluated classification models using traditional methods (**Naive Bayes**, **SVM**, **XGBoost**) and deep learning techniques (**DistilBERT with ktrain**, **spaCy with bert-base-cased**), achieving accuracy metrics of 82%. [Link]

## POSITION OF RESPONSIBILITY

- **Apple Developer's Group** Bengaluru, India  
Software Domain Lead August 2021 - May 2022
  - Led promotion of club objectives and app capabilities, resulting in 55 new sign-ups. Organized and facilitated 5 interactive CS Concept workshops averaging 60 attendees and an engaging App Development seminar with 75 participants. Achieved 90% engagement through interactive activities, fostering a vibrant learning environment and community participation.