Kaveesh Khattar

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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:** 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.