

# Kaveesh Khattar

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## EXPERIENCE

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### • AT&T

Software Developer

Feb 2024 -

- Developed a platform to enhance intern on-boarding by streamlining communication, reducing sync-up time, and eliminating unnecessary team calls for interns starting on different dates.

### • Myelin Foundry

Machine Learning Intern

June 2023 - July 2023

- Researched and created a driver wellness tool, constructing a dataset with markers like Heart Rate Variability (HRV), skin impedance, and temperature to detect chronic inflammation. Employed traditional and deep learning algorithms for predictions.

## EDUCATION

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### • PES University

Bachelor of Technology in Computer Science – Specialisation in Data Science – GPA: **8.94/10**  
Coursework: Data Structures & Algorithms, Computer Networks, Operating Systems, Databases, Big Data

Bengaluru, India

June 2024

### • Sri Kumarans Childrens Home

Senior Secondary (CBSE): **95.2%**

Bengaluru, India

March 2020

## SKILLS

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- **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

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### • Local Retrieval Augmented Generation Pipeline

- Developed a Retrieval Augmented Generation (RAG) pipeline to enhance document interaction with efficient retrieval, augmentation, and generation.
- Extracted text from documents and developed retrieval systems for precise data extraction, utilizing iterative expansion methods to enhance contextual understanding. Utilized Gemma (an LLM from Google) to generate concise, informative responses. [Link]

## PUBLICATIONS

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### • Understanding the Psychological Needs at Play in Disinformation

- Investigated psychological motives for spreading online misinformation to develop effective strategies for promoting truthfulness.
- Employed a multi-layered dataset integrating psychological dimensions, mitigated imbalance via data augmentation and standardized data. Utilized traditional and deep learning algorithms, evaluating performance with various metrics. [Link]

## VOLUNTEERING EXPERIENCE

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### • Apple Developer's Group

Software Domain Lead

August 2021 - May 2022

- Pitched club goals, outlined app capabilities and core CS concepts. Resulted in 55 new club sign-ups.
- Led a 5-member team, organized 5 CS Concept workshops (60 avg. attendance) and an App Development seminar (75 attendance). Achieved 90% engagement through interactive activities and group discussions.