Kaveesh Khattar

+91 98193 79487 | kaveeshkhattar@gmail.com | kaveeshkhattar | kaveeshkhattar.github.io

EXPERIENCE

AT&T Bengaluru, India
Senior Associate Software Engineer Jul 2024 -
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AT&T Bengaluru, India
Software Engineer Intern Feb 2024 - Jul 2024
- Streamlined on-boarding for **50+ interns** as measured by a **30% decrease in time** spent in sync-up meetings, by developing a platform using **React.js, Spring Boot, PostgreSQL, and Docker** offering an in-house forum for tracking team progress.
- Additionally, resolved roadblocks via a tech-related query forum and automated logistics such as access card approvals and conference room bookings to enhance the overall internship experience.

Myelin Foundry Bengaluru, India
Machine Learning Intern Jun 2023 - Jul 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.** Jun 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%** Mar 2020

SKILLS

- **Programming**: HTML, CSS, JavaScript, TypeScript, Python, Java, Go, Swift, SQL, GraphQL, Node.js, Bash
- **Machine Learning**: pandas, NumPy, scikit-learn, NLTK, fastText, spaCy, matplotlib, HuggingFace
- **Cloud**: React.js, Next.js, Spring Boot, Kafka, MongoDB, Cassandra, Git, Docker, Kubernetes, AWS, Azure

PROJECTS & RESEARCH

- **Solan - Cisco Talent Outreach** [Live Link] [GitHub]
  - Accomplished **active participation from 60 CS students** as measured by engagement in collaborative question bank creation and class-wide quizzes, by developing and launching **Solan**, a web application built with two classmates and **in collaboration with Cisco**, using **HTML, CSS, JavaScript, Django, and MySQL** to enhance student learning.

- **TeamFinder: Enhancing Team Discovery** [Live Link] [GitHub]
  - Built a web app **to help students find teams with known acquaintances** when the people they know are unavailable for events like hackathons by using **React.js, Spring Boot, and PostgreSQL (Supabase)**, with custom JWT authentication and Role Based Access Control (RBAC), containerized with Docker.

- **TeachMate: Holistic Tuition Management** [Live Link] [GitHub]
  - Achieved **36 hours/year time savings** for teachers by building a **Next.js web app with PostgreSQL** to track student performance via interactive charts and generating student schedules **using backtracking** (& later memoized for dynamic programming). Secured **adoption by 8 users**.

- **Understanding the Psychological Needs at Play in Disinformation (Springer SSIC)** [Paper] [GitHub]
  - Investigated the **underlying psychological drivers** behind the production of disinformation through machine learning **(Naive Bayes, SVM, XGBoost)** with **TFIDF Vectorization** & deep learning methods **(DistilBERT, spaCy with bert-base-cased)**, achieving **82% accuracy**.
  - Enhanced model consistency with **DistilBERT** and interpretability with **LIME**, **achieving 99.2% confidence** indicating high reliability, and making the model more understandable.

LEADERSHIP

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