Aaryan Dehade

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SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, Java, C, C++, Swift, SQL
- **Frameworks & Libraries:** ReactJS, Tailwind, Django, Spring, Playwright, Selenium
- **Tools & Platforms:** Git, Docker, Jenkins, AWS, Azure, Postman, Linux, Unix

EXPERIENCE

TCU, *Community Manager, Fort Worth, TX*   **Aug 24 – Present**
- Manage a team of **8 Community Assistants** in a residence hall, overseeing operations.
- Maintain **100% retention** of Community Assistants through mentorship and conflict resolution, **reducing operational costs by 50%**.

Qualcomm, *Software Engineering Intern, San Diego, CA*   **May 24 – Aug 24**
- Contributed as a key member of a testing team by **delivering 4 critical features** and **streamlining REST API routes**, achieving a **50% boost in system performance**.
- **Spearheaded a cross-functional team of 5 interns** to design and implement an **on-device AI-powered meeting summarizer**, reducing weekly meeting time by **20%**.
- **Represented 200+ interns** as a key member of a 6-person Intern Committee.

Qualcomm, *Software Engineering Intern, San Diego, CA*   **May 23 – Aug 23**
- **Improved development efficiency by 20%** across **5+ teams** by implementing a component-based architecture and leveraging **Jenkins and Docker** for continuous integration.
- **Accelerated frontend delivery by 50%** by spearheading adoption of micro-frontend architecture while managing **3 Agile projects**.

PROJECTS   (www.github.com/dehadeaaryan)

Patent Classification Model *(TensorFlow, Keras, BigQuery)*   **Mar 24 – Present**
- Led development of a **multi-input deep learning model** with **99% top-5 accuracy**, utilizing an NLP-driven pipeline that transforms unstructured patent text into art unit probabilities.
- **Reduced model training time by 40%** through optimized embeddings and a custom pipeline.

DropThatClass.com *(JavaScript, TypeScript, ReactJS, MongoDB)*   **Mar 24 – Present**
- Develop a **full-stack website that cuts review posting time by 80%** and leverages **AI to generate summaries and insights** for professors and classes.
- Implement **automated CI with GitHub Actions**, driving high-quality deployments and achieving **90% user satisfaction** as measured in surveys.

EDUCATION

Texas Christian University (TCU)   May 25
Bachelor of Science, Computer Science; Minor: Mathematics   **GPA: 3.8**
Relevant Coursework: Data Structures, Algorithms, Database Systems, Software Engineering, OOP, AI

HONORS AND LEADERSHIP

- Achieved the **TCU Scholar Award** (2022) and earned **Dean's Honor List** inclusion (2022 - 2024).
- **MongoDB Associate Developer** certificate from MongoDB (2024).
- **Represented the university** on a Math Podcast (2023) following **faculty nomination**.