DINESH KANNEBOINA

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EDUCATION

B. S. in Computer Science, Minor in Business Administration   **August 2020 – June 2024**
University of Texas at Dallas   *GPA: 3.9/4.00*
- **Awards/Honors:** UTD Academic Excellence Scholarship, UTD Dean's List 2020-2022, Summa Cum Laude
- **Courses:** Discrete I/II, Linear Algebra, Computer Architecture, Software Engineering, UNIX, Probability & Statistics, Programming Paradigms, Data Structures, Human Computer Interactions, Automata Theory, Operating Systems
- **Organizations:** Association of Computing Machinery (ACM) (Member), Artificial Intelligence Society (AIS) (Member), Delta Epsilon Psi (President), Aaja Nachle (Director), Awaazein (Mixer Chair), Dhadak (Mixer Chair)

EXPERIENCE

JP Morgan & Chase - Commercial Banking   **June 2023 – August 2023**
Software Engineer Intern   *Plano, Texas*
- Developed a data parser tool which analyzes application text files and breaks down complex design statements for a natural language processor to encapsulate behavior-driven architecture 80% more efficiently
- Created a PostgreSQL database which stores captured data in tables exhibiting inheritance. Data is accessible through several REST endpoints to uniquely filter and display on a front end webpage
- Standardized 100% of component dependencies across all 128 Commercial Banking applications, conforming to behavior driven design principles
- Collaborated with product managers, software developers and co-interns in daily stand-up meetings to implement specifications and formulate architectural designs plans, all while adhering to AGILE SDLC practices

State Farm - Auto Insurance   **May 2022 – May 2023**
Software Developer Intern   *Richardson, Texas*
- Increased customer satisfaction for 100k+ users by upgrading security and Swagger of backend API's on a cross-functional team of 6 experienced developers in an AGILE environment
- Identified bugs and reduced code vulnerabilities by 20% by repairing SNYK violations identified through SPLUNK testing, quality assurance testing, and CI/CD Pipelining
- Optimized API code to a success rate above 90% by assembling 10+ JUnit tests until threshold was met

ACADEMIC PROJECTS

HackUTD Hackathon Project | *Pandas, NumPy, React, Google Dialogflow*   **November 2022**
- Employed Python Pandas and NumPy to curate and conduct an in-depth analysis of a dataset containing over 15,000 data points for EOG, resulting in the ranking of optimal drill bits based on depth and material attributes
- Deployed an AI Chatbot solution using Google Dialogflow, offering tailored drill bit recommendations by leveraging user-provided inputs

Real-Time Weather App | *HTML, CSS, Javascript, REST API*   **June 2021 – July 2021**
- Ideated an interactive website displaying the meteorological conditions of a user-inputted location in real time
- Implemented information from a public API and reorganized pulled data into an intuitive user interface

LEADERSHIP / EXTRACURRICULAR

Delta Epsilon Psi Fraternity Inc.   **January 2021 – Present**
President, Vice President External, Treasurer, Public Relations, Recruitment Chair
- Initiated the organization's inaugural bank account and formalized its status as a 501(c)(3) nonprofit entity
- Guided and spearheaded charitable service events, successfully raising $3,000 in support of the Juvenile Diabetes Research Foundation throughout the academic year
- Supervised logistics for four cultural events; each event with a budget of $10,000 and attendance exceeding 600 participants

Dance Fusion Competition | *Aaja Nachle*   **May 2022 – Present**
Executive Director, Finance Chair
- Crafted and supervised an expansive weekend agenda for 8 dance teams and in excess of 60 board members, with meticulous hour-by-hour task allocation
- Managed logistics and coordinated with dance teams from across the country for half a year, overseeing weekend accommodations, practice facility bookings, and competition prop arrangements within a $30,000 budget

TECHNICAL SKILLS

Technical Languages: Java, C++, C#, Python, SQL, Assembly, JavaScript , HTML-CSS
Developer Tools: XCode, Figma, SpringTools, GitBash/GitLab, Postman, SQuirrel SQL, DB2, Karate, MS Tools
Technologies: Spring, Bitbucket, Docker, JIRA, PostgreSQL, Tensorflow, Linux, Express JS, React JS, Confluence, CRM
Cloud Computing Services: Amazon Web Services Cloud Practitioner, Microsoft Azure