ANURAAG DEEPAK

Richmond, TX
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Highly motivated Computer Science student at Texas A&M University with a keen interest for developing innovative software solutions. Seeking job placement in the area of developing software applications & systems and exploring cutting-edge technologies. Solid background in programming languages such as Python, Java and C++. Created applications using Generative AI. Excellent analytical and problem-solving abilities, critical thinking, and team work with a passion for continuous learning.

EDUCATION

TEXAS A&M UNIVERSITY   **College Station, TX**
Bachelor of Science in Computer Science (Major)   *Anticipated graduation: May 2026*
Minor in Statistics

- **GPA:** 3.7/4.0

- **Relevant Coursework:**

  Computation (Python)
  Program Design and Concepts (C++)
  Discrete Structures for Computing (Discrete math for analyzing computer algorithms)
  Data Structures and Algorithms
  Computer Organization (System Design from programmer perspective: Simple logic design, data representation, processor architecture, simple machine level programming)
  Programming Languages (Java)
  Introduction to Computer Systems (System support over node/network, Inter-process communication, network programming and simple computer security concepts)
  Foundations of Software Engineering (Apply Agile approach with Sprints & track progress with burndown charts and build software projects using HTML, CSS, PostgreSQL, React JS)
  Accessible Computing
  Statistical Computing using R
  Law and Policy Cyber Security
  Computer and Network security

EXPERIENCE

Internship with HCL Technologies, India

June 2025- August 2025

- Created an AI based App to claim Lottery prize money. The Front End was created using React with mobile net model to do a first pass classification of the ticket image uploaded, Tesseract OCR was used extract the data from the image, and htmlqr5code was used to extract the ticket ID from the bar code in the ticket image. The Back End server hosts a winning ticket table on PostgreSQL which will be used by the backend server built on Node JS using Express as a middleware and determine if the ticket is a winning ticket to allow mobile claim.

Project through DLZP Group, Houston, TX

May 2025- June 2025

- Used Generative AI to develop Medical Chatbots using Ollama & Streamlit, Created RAG based model to work with Medical Chatbots.

R&D Intern at Arkisys, Aerospace Company, CA

June 2023- August 2023

- Arkisys is one of the first business platforms in Space for new Technology hosting, Satellite Integration, Assembly and Resupply. Building the future of space expansion.
- My team was responsible for the mechanical/thermal aspect of the satellite and the business/financial aspect as well.
- I handled the thermal aspect to find the right technology to use in the satellite to prevent overheating.
- Demonstrated ability to manage multiple tasks while remaining adaptable and flexible.
- Responded quickly to meet customer needs and resolve problems.

Human Resource Administrator at City of Missouri City, Sugar Land, Texas, United States

July 2023- August 2023

- Created and maintained employee records in accordance with HR policies and legal requirements.
- Collaborated with department managers to ensure successful onboarding of newly hired staff members.
- Implemented processes for onboarding new employees including orientation programs and training materials.

CERTIFICATION:

101- Introduction to Cluster Computing

    Summer 2022

    Issued by University of Houston's Hewlett Packard Enterprise Data Science Institute

AWS Certified Cloud Practitioner (Completed the course on Udemy, expected to take the final exam in September 2025)

ACTIVITIES: Member of Aggie Coding Club

    Learnt something new each week through Workshops

    Attended monthly social events

    Learnt about companies each week through Company Talks

PROJECTS

- Wordle Game using Java and Java FX
- Resume using HTML, CSS and JavaScript ([Resume Website](#))
- Create a Point of Sale (POS) Inventory system to reduce overhead, track customer orders to analyze ordering trends and restock inventory. Generate the database residing in AWS using Python script. Evaluate the database system using SQL queries for sales history, peak sales, menu item inventory. Implement a GUI to support customer, cashier and manager for the purpose of submitting orders, updating items, prices, restock inventory, manage employees and create reports. The frontend was designed using React JS for building user interfaces, React Router for navigation between pages. The backend was built using Node JS for server logic and API calls, PostgreSQL for accessing data storage, Axios to handle API requests.

ADDITIONAL SKILLS

- HTML & CSS
- Python
- C++
- Java
- React JS
- PostgreSQL
- Ruby on Rails
- Generative AI
- R Studio
- SymPy
- Git