ANEESH BUKYA

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EDUCATION

Rochester Institute of Technology   **Expected Graduation: May 2026**
B.S. Honors in Computer Science, **GPA: 3.77**   *Rochester, New York*
Concentrations/Minors: Concentration in Artificial Intelligence and Minor in Business Administration
Awards: Dean's List, RIT Presidential Scholarship, RIT Recognition Scholarship
Related Coursework: Machine Learning, Artificial Intelligence, Probability and Statistics, Object-Oriented Programming, Data Structures and Algorithms, Mechanics of Programming, Database Management, Linear Algebra

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL, C
Frameworks/Technologies: Spring Boot, Angular, Django, Git, REST API, Maven, Docker, Linux
AI/ML Technologies: OpenCV, NumPy, Scikit-learn, NumPy, Pandas, Streamlit, OpenAI, HuggingFace
Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

CodePath   **Jul 2024 – Present**
Tech Fellow   *Remote*
- Mentored over 25 students weekly, providing guidance on fundamental data structures and algorithms concepts and problem-solving techniques.
- Collaborated with the course instructor to enhance the quality and interactivity of course materials, ensuring an engaging learning experience for participants.

Brightcone.ai   **May 2024 – Present**
Machine Learning Engineer Intern   *Dallas, Texas*
- Developed and implemented an AI-driven summarization feature for candidate notes, reducing manual processing time by 70% and handling over 20 candidate evaluations weekly.
- Designed an FAQ agent leveraging AI, which successfully answered 85% of HR-related queries, cutting down response time from 24 hours to instant.
- Created an onboarding form module that personalized and sent emails to new employees, increasing onboarding efficiency by 60% and processed 30+ onboarding requests within the first month.

PROJECTS

Breast Cancer Diagnosis Predictor| Python, Scikit-learn, NumPy, Pandas   **GitHub Link**
- Developed an interactive Streamlit web app using Python and Scikit-learn for breast cancer prediction, achieving over 98% accuracy through data preprocessing and feature visualization with Pandas and NumPy.
- Implemented a robust deployment pipeline by serializing model and scaler objects, ensuring reliability while using Scikit-learn for model development and evaluation.

RepIt – Personal AI Trainer | Angular, TypeScript, HTML/CSS   **GitHub Link**
- Spearheaded the development of an AI fitness trainer using computer vision for real-time form analysis during workouts, achieving up to 90% accuracy in rep counting.
- Integrated ML5.js and Angular frameworks to create a seamless user experience with dynamic UI design in HTML, CSS, and TypeScript, enhancing user engagement and motivation.

AlohaHelp - Full Stack Donation Website | Java, Angular, TypeScript, HTML/CSS   **GitHub Link**
- Implemented an MVP with features such as authentication, needs management, and data persistence, enhancing usability for non-profit organizations and developing a robust software system within an agile team environment.
- Applied industrial-strength web application frameworks including Java, Maven, Docker, TypeScript, Angular, and REST API technologies to create a full stack solution, enabling helpers to manage funding needs and U-fund Managers to edit data efficiently.

EXTRACURRICULAR & LEADERSHIP

Google Developer Student Clubs   **Aug 2023 – Present**
Community Manager   *Rochester Institute of Technology*
- Led a dynamic community of over 400 tech enthusiasts by fostering a collaborative and inclusive environment that actively participated and engaged in tech-focused events, including workshops, hackathons, and speaker sessions.

Society of Software Engineers   **Aug 2023 – Present**
Software Engineering Mentor   *Rochester Institute of Technology*
- Assisted over 20 mentees every week in enhancing their technical skills by offering practical insights, coding challenges, and real-world project guidance.