

Anvesh Sunkara

atvanvesh@gmail.com — Dallas, Tx — linkedin.com/in/anveshsunkara — github.com/Anvesh8712 — (309) 200-0000

EDUCATION

University of Massachusetts Amherst

August 2020 - May 2024

- Bachelor of Science in Computer Science
- Relevant Coursework: **Web Programming**, Programming Methodology, **Applications of NLP**, Operating Systems, Search Engines, Intro to Algorithms, **Artificial Intelligence**, Intelligent Visual Computing
- Relevant Certification: **AWS Cloud Practitioner**, Meta Backend Development, IBM Machine learning with Python.
- Undergraduate Research Volunteer: Reinforced Learning VS SLAM in **self-driving cars**.

GPA: 3.82/4.00

SKILLS

- **Programming:** Python, JavaScript, Java, C/C++, C# for Unity.
- **Software Technologies:** React, React Native, HTML5 & CSS3, Spring, Spring Boot, AWS, Azure, Bootstrap, MySQL, Postgres, MongoDB, Git/Github, Unity 5, Visual Studio, Eclipse, TensorFlow, PyTorch, Pandas, Matplotlib.
- **Soft Skills:** Agile Development, Scrum, Unit Testing, Code Review.

PROFESSIONAL EXPERIENCE

RoyalStamp Inc

FullStack Developer

Dallas, TX

May 2023 — May 2024

- Collaborated with a **cross-functional team** to pivot towards consumer-facing web development from internal webpages.
- **Developed a streamlined consumer webpage**, resulting in a 30% increase in document setup speed, thereby enhancing operational efficiency and user satisfaction.
- Optimized data management using **PostgreSQL**, ensuring seamless database operations in the frontend. Implemented efficient SQL queries and optimized existing commands for enhanced performance and faster data retrieval.

ScriptGraders Inc

Freelance FullStack developer

Boston, MA

August 2023 — November 2023

- Developed a movie script submission platform using Express.js, enabling writers to upload and manage content, and integrated **role-based authentication** for user differentiation.
- Successfully transitioned file storage to **AWS S3** using the AWS SDK and multer-s3, enhancing data reliability and scalability.
- Leveraged ElephantSQL for cloud-based PostgreSQL storage, designing schemas and optimizing queries for efficient data retrieval and recommendations.

RoyalStamp Inc

React Developer, Intern

Dallas, TX

May 2022 — September 2022

- Took charge of backend data operations, focusing on **creating internal webpages** that employees use for data entry.
- Engineered and tested React components tailored for internal use with **Jest and React Testing Library**, ensuring compliance with accessibility and web browser standards.
- Employed ReactJS components, forms, events, and Flux to enhance the functionality of internal web tools.

PROJECTS

Gym Tracker App, IOS app made with React Native

March 2023 — May 2023

- Led the development of a gym tracking application using React Native, implementing **Redux** for advanced state management alongside Hooks for efficient UI state handling.
- Designed and integrated the application with a robust database system for workout and progress tracking. Utilized PostgreSQL for efficient data storage and retrieval, ensuring seamless user data management.

Website made with React and Spotify API

May 2023 — September 2023

- Developed a single page, Tinder-like, music recommendation system using React and **Spotify API**, featuring an interactive 'swiping' interface coupled with **Spotify authentication** for personalized song selection model.
- Researched and emphasized UI/UX design principles to create an intuitive, responsive user experience; integrated a backend using **Express.js** and managed data efficiently with ElephantSQL.
- Created wireframes and mockups on Figma to guide the development process, ensuring the final product was both aesthetically pleasing and functionally robust, with a focus on **cross-browser compatibility**.

NLP Model Development for Stock Price Prediction

September 2023 — January 2024

- Engineered and evaluated a diverse range of **NLP/ML models** specifically for predicting stock price fluctuations based on financial articles. Applied **Naive Bayes** for initial tag predictions, **Logistic Regression** for deeper statistical analysis, **CNNs** for sequential data processing, and leveraged the **BERT** attention model to refine sentiment analysis, collectively enhancing prediction accuracy and market insights.
- Implemented a **custom web scraper** to gather financial articles from Benzinga and **integrated Yahoo Finance API** for real-time stock price data to train and validate the models.