

Aru Gyani

(512) 909-8745 | Dallas, TX | gyaniaru@gmail.com
[linkedin.com/in/arugyani](https://www.linkedin.com/in/arugyani) | github.com/AruGyani | aru.gyani.com

EDUCATION

Bachelor of Science in Computer Science

May 2024

Minor in Instrumental Music

The University of Texas at Dallas

Major GPA: 3.88 / 4.00, Overall GPA: 3.30 / 4.00

SKILLS

Languages: Java, Python, HTML/CSS, TypeScript, JavaScript, C/C++

Technologies: ReactJS, NodeJS, TensorFlow, ExpressJS, Azure, AWS, MongoDB

WORK EXPERIENCE

Artificial Intelligence Internship

May 2021 - August 2021

Forward Edge-AI

- Researched applications of machine learning for high-accuracy classification of pathogenic bacteria and COVID-19.
- Developed on the Blaise Raman Spectroscopy machine learning process, resulting in co-inventor status on pending patent.
- Coordinated an Agile team in hand-validating a scam call dataset leading to an improved Azure NLP classification model.
- Transferred AWS hosted HoneyPot Twilio scam call server and PostgreSQL database to Azure cloud hosting solution.
- Presented final research and development to Air Force SBIR program, allowing for renewed Phase II start-up funding.

Full-Stack Development Mentee

January 2021 - May 2021

Codubee

- Applied Agile development practice to create a React-powered regional news translation application called *TranslateNews*.
- Developed RESTful backend leveraging Axios and ExpressJS calls to create a responsive, efficient user experience.
- Leveraged React and NodeJS to create scalable components paired with RESTful integration deployed through Heroku.
- Practiced CSS animation through device screen-size media queries and custom keyframe animation timing selections.

PROJECTS

Responsive Web Portfolio

[GitHub Repository](#) | October 2021 - Present

Skills Used: ReactJS, NodeJS, HTML/CSS, JavaScript, Figma

- Developed a responsive ReactJS powered portfolio featuring my work experience, personal background, and projects.
- Designed website UI/UX with Figma and implemented animation features using custom JSX, CSS, and Material UI library.
- Site personally hosted 24/7 live under family domain, aru.gyani.com, via cPanel web hosting and administration solution.

Ichos Discord Bot

[GitHub Repository](#) | December 2021 - Present

Skills Used: TypeScript, NodeJS, REST, YouTube API V3, Heroku, GitHub

- Ichos is a DiscordJS bot that allows users to search YouTube and play songs through VOIP on the Discord application.
- Queries and streams high-quality audio through the YouTube API via Google Developer Platform and ytdl-core packaging.
- Collaborated with another developer and demonstrated standard version control and peer-programming conventions.

Leetify

[GitHub Repository](#) | November 2021

Skills Used: JavaScript, NodeJS, GraphQL, REST

- Reverse-engineered popular competitive programming platform, LeetCode's GraphQL API and translated to RESTful API.
- Allows users to access questions and solutions via a RESTful API for easier access and integration to external applications.
- Tracked network activity to discover and trace LeetCode GraphQL POST database requests for categorized question data.

ACHIEVEMENTS

Forward Edge-AI, Blaise Co-Inventor - Patent Application Pending

Active Member, Artificial Intelligence Society

Active Member, Association for Computing Machinery

3x NFMCA All-State Piano Festival Winner