ANIRUDH EMMADI

emmadi.anirudh@gmail.com | (469) 403-1726 | linkedin.com/in/anirudhemmadi | github.com/aemmadi

EXPERIENCE

Software Developer, BizCloud Experts   *Jan 2022 - Present*
- Architecting production ready scalable cloud solutions for numerous companies leveraging Amazon Web Services (DynamoDB, Cognito, Lambda, RedShift, etc) and also handling the migration of existing legacy on-premises servers to the cloud using TerraForm modules.
- Debugging and developing applications written in NodeJS, React, and SQL utilizing the Serverless framework.

Software Engineer Intern, Walmart Global Tech   *Jun 2021 - Aug 2021*
- Built internal tools for validating millions of documents across multiple databases (Big Query, Cassandra, ElasticSearch) efficiently using Java Maven and Google Cloud to ensure 100% data integrity, reducing monthly costs by over $1000.
- Implemented data metric visualization and automated alerts using Grafana and Strati.
- Experienced working with AGILE and SCRUM methodologies to deploy project to production.

Software Engineer Intern - Open Source, Major League Hacking (MLH)   *Jun 2020 - Aug 2020*
- Contributed to the development of Docsify.js, a documentation rendering tool that is being used by over 15,000 projects.
- Developed a microservice that renders Github readme files into full fledged documentation website using NodeJS, Express, MongoDB, and AWS, being used by over 100 projects.

Software Engineer Intern, Toucan AI   *May 2020 - Aug 2020*
- Performed user metric data collection and analysis to generate tables for internal use with Python and MongoDB, increasing revenue by 10%.
- Developed and managed a RESTful API, optimizing with a runtime under 100 milliseconds.
- Implemented visualization of user data in user and admin dashboards using React, improving user interactivity by 13%.
- Experienced working with a fast-paced startup in a rapidly changing environment.

Software Engineer Intern, Bundil   *Feb 2020 - Apr 2020*
- Developed, and managed back-end services like REST APIs and authentication middleware, to improve security for the product using Typescript, Angular, and MongoDB.
- Built production builds using pipelines with automated deployment to Google Cloud Platform, reducing deployment time by 20%.

PROJECTS

plan.degree
- Degree planning solution for students to customize and view multiple optimal degree tracks, ensuring a successful and timely graduation. Supports multiple features such as: course pre-requisite validation, elective course recommendations, and a simple intuitive drag-and-drop user interface.
- Developed using JavaScript (React), Python, Flask, MongoDB, Auth0, and deployed using AWS Amplify.

fastdocs.io
- Architected and built a microservice that instantly serves documentation to over 100 projects and has been endorsed by Docsify: a popular open source documentation tool being used by 20,000 projects.
- Developed using NodeJS, Express, AWS, and deployed on Heroku.

Track-IT
- Tool that allows workshop event organizers to keep track of real-time user progress throughout the workshop, allowing for better user retention and experience, by leveraging serverless architecture using React, Firebase, and Typescript.
- Being used by student organizations at UT Dallas, impacting over 10,000 students.

SKILLS

Languages: JavaScript, NodeJS, React, Python, Flask, Java, C++, Typescript, HTML5, CSS3, Markdown
Technologies: Git, Linux, REST API, NoSQL (MongoDB, Firebase), AWS, Heroku, Docker
Tools: GitHub, Postman, JIRA, Command Line Interfaces, Microsoft Office, Adobe Creative Cloud, Slack
Soft: Entrepreneurship, Mentorship, Project Management, Growth Mindset, Adaptability, Communication Skills

Honors and Awards

- Major League Hacking Fellowship (MLH Fellow) - Recognition for open source contributions.
- OP: Live Hackathon First Place Winner (2019) - Developed best algorithm to match esports players and recruiters.
- HackUTD Second Place Winner (2019) - Built and demoed a delivery service app to over 500 developers.
- Academic Excellence Scholarship (AES) - Given to top 10% of students who have shown immense potential.

EDUCATION

Bachelor of Science, Computer Science   *Aug 2018 - May 2022*
The University of Texas at Dallas