

ANIRUDH EMMADI

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SUMMARY

Enthusiastic and creative software developer with over 2 years of professional experience in producing robust code and managing clientele. Initiative-taking self-starter who can easily adapt to rapid change in environments and projects. Improved code efficiency at Toucan AI by 30%, shipped code being used in over 100,000 projects at MLH, and managed clients from around the world as a software freelancer.

EXPERIENCE

Open Source Engineer, Major League Hacking (MLH) *Jun 2020 - Aug 2020*

- Collaborated among a team of 6 people in 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 using NodeJS, Express, MongoDB, and AWS by following SCRUM and AGILE methodology.

Software Engineer Intern, Toucan AI *May 2020 - Aug 2020*

- Performed user metric data collection and data analysis to generate data tables for internal use with Python and MongoDB, helping increase revenue by 10%.
- Developed and managed a RESTful API, later optimizing it with a run-time of 300 milliseconds.
- Implemented visualization of user data in user and admin dashboards using React, improving user interactivity by 13%.
- Experienced a fast-paced Startup lifestyle with a rapidly changing environment.

Software Engineer Intern, Bundil *Feb 2020 - Apr 2020*

- Developed, managed and maintained back-end services like REST API, and authentication middleware, using Typescript, Angular, and MongoDB.
- Built production builds using pipelines with automated deployment to Google Cloud Platform, reducing deployment time by 20%.

Tech Consultant, Freelancer *Jul 2016 - Jan 2020*

- Managed over 50 clients around the world and consulted regarding Linux servers and scalable infrastructure solutions.
- Developed scripts that were primarily deployed in Docker containers.
- Performed cost analysis for clients to determine the best server providers for the project

PROJECTS

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 using React, Firebase, Typescript and Heroku.
- Leverages serverless architecture and adapts dynamically depending on the nature of the workshop.
- Being used by student organizations at UT Dallas, impacting over 20,000 students.

CourseBook-API

- Built a REST API that serves course info and enrollment data from UT Dallas using Python, Selenium, Flask, MongoDB, and Heroku.
- Optimized code by using advanced algorithms, and smart caching to parse and serve the data in under 600 milliseconds.

Kanna Bot

- Discord bot that calls various API's from Reddit, Riot, CoinMarketCap, and Epic Games to output and visualize data to over 100 discord servers using NodeJS, and DigitalOcean VPS.

HONORS AND AWARDS

- OP: Live Hackathon First Place Winner (2019) - For developing best algorithm to match esports players and recruiters
- HackUTD Second Place Winner (2019) - Built and demoed a delivery service app in front of 500 developers
- SevenTablets Hackathon Third Place Winner (2019) - Developed application that sends text messages over a blockchain
- Academic Excellence Scholarship (AES) - Given to top 10% of students who have shown immense potential

SKILLS

Languages: JavaScript, NodeJS, React, MongoDB, Python, Flask, Java, C++, Typescript, HTML5, CSS3, Markdown

Technologies: Git, Linux, Unix, REST API, GraphQL, Firebase, AWS, Heroku, Docker, Kubernetes

Tools: GitHub, Kan-ban Board, Postman, Trello, Jira, Command Line, Microsoft Office, Adobe Creative Cloud, Slack

Soft: Entrepreneurship, Mentorship, Project Management, Growth Mindset, Adaptability, Communication Skills

EDUCATION

Bachelor of Science, Computer Science
The University of Texas at Dallas

Aug 2018 - May 2022