

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

FastDocs (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 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.

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
- 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