LOVINSON DIEUJUSTE

(954) 376-0410 | foxxydieujuste@gmail.com | <u>Linkedin</u> | <u>Github</u> | <u>Portfolio</u>

EDUCATION

University of Tampa - B.S Computer Science   Expected Graduation: Dec 2026
Relevant Coursework : <u>CodePath Advanced Web Development</u> , <u>CodePath Intermediate Technical Interview Prep</u>

TECHNICAL SKILLS

Front End | React, NextJS, ViteJS, Javascript, TypeScript, CSS, Redux, Flask
Back End | PostgreSQL , MongoDB , MySQL , Supabase, Node.js , Express, C#, Python, Go (Golang), Prisma, Nginx
Testing/Deployment | Jest , Mocha , Chai , Heroku , Vercel.js , AWS, Docker, unittest, Linux
Tools/Technologies | Git, npm, Webpack, NextAuth.js, Firebase, Jwt, Socket.io, Cloudinary, Jinja, Prometheus, Grafana

EXPERIENCE

Site Reliability Engineer   **Jun 2024 - Sep 2024**
Meta x MLH Fellowship   Linux | Docker | Python | Flask | Jinja | MySQL | Nginx | Prometheus | Grafana
- Selected as **1 of 44** fellows from over **4,000** applicants (**< top 1.1%**) to work with Meta
- Completed a 12-week SRE curriculum, supplemented with events and workshops by Meta engineers,
- Developed an open-source web app with Python, Flask, MySQL and unittest achieving **95%** test coverage
- Implement Automated CI/CD pipelines using Docker, cutting manual deployment time by **80%** through script automation and containerization, along with Nginx handling **10,000+** requests/min with **40%** faster response times
- Initiated monitoring and alerting systems with Prometheus and Grafana, creating **20+** custom dashboards and reducing incident response time by **50%**

Tech Fellow   **May 2024 - Aug 2024**
Codepath   Python | Zoom | Google Sheets
- Answered **100+** technical questions on Slack and during breakout sessions
- Facilitated breakout room practice for **15+** sessions, aiding **50+** students in resolving points of confusion and ensuring **90%** participation
- Taught in **30+** breakout room sessions and encouraging the use of the UMPIRE method, resulting in a **70%** improvement in problem-solving efficiency

PROJECTS

<u>Filmzee</u> + <u>Site</u>
Social media app   Next.js | Typescript | Firebase | Supabase | Cloudinary | Vercel
- Implemented Firebase Authentication for Single Sign-On using Google and GitHub, significantly reducing signup friction. As a result, user account creation saw a remarkable **60%** increase
- Enhanced message sending efficiency by leveraging the native Firebase function 'where,' resulting in a notable **130%** improvement in speed

<u>Chattr</u>
A real-time chat application   JavaScript | React | Socket.io | MongoDB | Express | JWT | TailwindCSS
- Harnessed Socket.io best practices which enables users to have instant conversations without the need to refresh the page, increasing the response time by **145%**
- Enhanced database performance significantly by utilizing native MongoDB functions, effectively mitigating connection overload issues and leading to a **60%** improvement in query speed

ORGANIZATIONS

Management Leadership for Tomorrow (MLT) | Ascend Scholar   **Jun 2024 - Present**
- Participated in an intensive career de velopment program focused on leadership, professional growth, and networking

MLH Fellowship | Fellow   **May 2024 - Present**
- Gained hands-on experience working on real-world projects under the guidance of industry mentors

ColorStack | Member   **Dec 2023 - Present**
- Recognized with a Member Spotlight for organizing and leading DSA study sessions with peers

CodePath | Member   **Aug 2023 - Present**
- Mastered fundamental programming concepts and industry-standard development practices