

# LOVINSON DIEUJUSTE

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## EDUCATION

University of Tampa - B.S Computer Science

Expected Graduation: Dec 2026

Relevant Coursework : [CodePath Advanced Web Development](#) , [CodePath Intermediate Technical Interview Prep](#)

## 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

### Filmzee + Site

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

### Chattr

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

## LEADERSHIP EXPERIENCE & ACTIVITIES

Management Leadership for Tomorrow (MLT) | Ascend Scholar

Jun 2024 - Present

- Participated in an intensive career development 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