ABEL TESFA
Full Stack Software Engineer

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SUMMARY
Results-driven professional with 7 years of diverse experience at Cisco Systems, Inc. adept in hardware asset management and data analysis. Seeking to leverage a recent completion of a rigorous 6-month full-stack software engineering bootcamp to transition into a software engineering role. Demonstrated expertise in developing innovative solutions and implementing secure, scalable applications. Excels in collaborating with cross-functional teams and coordinating international support efforts. Committed to delivering high-quality code and continuously expanding technical skills.

SKILLS
JavaScript, React, Redux, Flask, Python, CSS, SQL, HTML, PostgreSQL, Express, Sequelize, Git/Github, REST API, Playwright, Visual Studio

PROJECTS

Instaspam | *(React/Redux, Javascript, Flask, Python)*   **live** | **github**
- Utilized **AWS S3** to implement user image uploads for posts which provides reliable security and allows for easier migration to database.
- Built an algorithm that sorts the home feed by posts in chronological order of upload that does not include the initial users posts as well as inserts a spam image on every third post.
- Designed a search feature utilizing **PostgreSQL** that includes an algorithm to query every post and user for both usernames and hashtags provided on the site to assist with easier site navigation.

airfnf | *(React/Redux, Javascript, Flask, Python)*   **live** | **github**
- Implemented the date-fns **JavaScript** library to allow for easier comparison of dates with the ability to convert and format date objects to complete error validation for bookings.
- Utilized **Redux** and array manipulation to calculate prices for each user booking to display on profile page to increase information accessibility.
- Utilized **React** components to render changes in **Redux** state for dynamic visibility of both cars and bookings.

extraMedium | *(React/Redux, Javascript, Express, Sequelize)*   **live** | **github**
- Implemented an **Express Sequelize** backend to manage the database of posts and comments without writing raw **SQL.**
- Utilized frontend and backend authentication to ensure only users can create and edit their own posts as well as any authenticated user can leave comments.
- Built CRUD features for blog posts and comments for the site.

EXPERIENCE

Asset Manager | *Cisco Systems, Inc.*   Oct 2020 - Mar 2022
- Managed multiple customers' contracts simultaneously leading to renewals of the asset management service.
- Provided routine checkups to reconcile any discrepancies between the Cisco database and customers' inventories.
- Coordinated internationally with support teams to provide customers with service opportunities and expose vulnerabilities within their networks.

Data Analyst | *Cisco Systems (Zensar)*   Jan 2018 - Sep 2020
- Provided service contract management on behalf of Cisco's customers especially handling escalations from urgent requests to assist with resolving any network vulnerabilities
- Assisted with training 6 new employees to up to date Cisco protocols to create consistency in the Data Analyst role

EDUCATION

AppAcademy - Rigorous 24-week program of 1200+ hours of study for Software engineering   Mar 2022 - Sept 2022
University of North Carolina at Chapel Hill - *Bachelor of Arts in Biology*   2010 - 2014