

RESEARCH AND VISION DOCUMENT

Red Face Company Onboarding

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Team: Development and Innovation Team

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Context/Purpose

This document is a part of my Red Face Company onboarding task. As a student entering the workforce, it allows me to better match my goals with the company's strategy and investigate how AI tools particularly Large Language Models can enhance my team's learning and development process.

Section 1: Personal Introduction and 5-Year Vision

1.1 Personal Background

My name is Syntiche Ikanga, and I attend Rosebank College in my third year of studying software development. Despite not really knowing what that meant or what route to take, I had always wanted to work in IT since high school. I had no prior experience or clear direction, but I was interested in technology and how it affects the world.

I had never heard of software development or IT before I began my studies. After learning more, I genuinely like coding and solving problems, even though it was difficult at first. I have learned how to think logically and approach problems step-by-step. Making things from scratch and transforming concepts into useful applications is something I want to do.

1.2 Interest and Passion

Additionally, I have developed an interest in data analysis because I recognize the benefits of using data to enhance systems and make well-informed judgments. Although I am still in school and am just beginning my career as a junior software developer, I am open to trying out various positions and developing into tech leadership, data analytics, or software development.

1.3 Skills

- **Programming Languages:** I have been learning Java, PHP, JavaScript, Kotlin, SQL, and C# through my coursework. I am not perfect, but I understand the basics and always try my best to improve with every new project.
- **Web Development:** I can build simple websites using HTML, CSS, PHP, and JavaScript. I am still improving when it comes to making them responsive and interactive, but I enjoy learning and seeing my progress.
- **Mobile App Development:** I have recently started learning Kotlin and using it in Android Studio to build basic mobile apps. It is still a challenge sometimes, but I try to follow tutorials, practice, and ask questions when I get stuck.
- **Database Management:** I have used MySQL and Oracle to create and manage databases. I can write basic to intermediate SQL queries, and I enjoy using databases to make sense of data.
- **Version Control:** I have used Git and GitHub to track my code and work in groups.
- **Problem Solving:** I try to think through problems step-by-step, even when it is hard. I enjoy solving bugs or fixing errors because I always learn something new in the process.

- **Soft Skills:** I work well in teams, try to communicate clearly, and I always ask for feedback. I am not afraid to admit when I do not know something because I want to keep learning and improving.

1.4 Where I see myself in 5 years' time within the company.

I see myself being a professional with multiple talents in five years, making contributions as either a:

- Senior Programmer
- A junior analyst of data
- Owner of the Product or Technical Lead

I want to have managed or worked with others on significant projects that enhanced the business's workflows or customer experiences.

In addition, I would love to mentor junior employees or new interns, just as I am currently being mentored.

1.5 Professional goals while working here.

- Improve my technical proficiency in backend and frontend programming.
- I want to increase my understanding of data analysis and decision-making based on data.
- Boost my knowledge of cloud computing, AI tools, and modern software frameworks.
- Participate in important projects that address significant issues.
- Gain confidence by working together and receiving feedback.

1.6 How do I plan to achieve these goals?

- Daily Learning Routine: Reading documentation, taking quick classes, or practicing coding for at least one hour per day.
 - Project Involvement: Offer to help with projects that challenge me or take me beyond my comfort zone.
 - Feedback Culture: actively seek helpful criticism from colleagues and senior developers.
 - Use of AI Tools: Use AI tools (such as ChatGPT, Claude, etc.) to speed up brainstorming, debugging, and research.
 - Become a Member of Developer Communities: Participating in online forums, or tech meetups to gain support and visibility.
 - Soft Skills: Develop my ability to communicate, solve problems, and give presentations.
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Section 2: AI LLM Research Summary, Claude by Anthropic

2.1 What is Claude?

The Claude series of AI language models was developed by Anthropic, a business started by former OpenAI researchers. It is named for the originator of information theory, Claude Shannon. As of 2024, the most recent model version is Claude 3. The qualities of helpfulness, honesty, and innocence were highly valued in the design of Claude.

2.2 How does it work?

- Claude, like other LLMs, is taught using deep learning on a large quantity of data from books, the internet, and code.
- By expecting what comes next in a sentence, it can understand and produce natural language.
- Claude reduces harmful or biased responses by using a technique known as constitutional AI, which is trained according to a set of ethical principles.

2.4 Unique features or strengths it has compared to ChatGPT.

Feature	Claude	ChatGPT
Safety & Ethics Focus	Strong emphasis on safe, controlled AI	General-purpose safe usage
Document Handling	Better at handling large documents	Limited context size
Tone	More polite, careful, and structured	Slightly more casual and flexible
File Processing	Claude can summarize and interpret longer texts more efficiently	Also, capable but with limits

2.5 How I Can Use Claude at Red Face Company?

Production

- Compile lengthy research papers or technical documents into a summary.
- Draft user manuals or meeting notes based on unprocessed input.

Creativity

- Generate concepts for UI/UX design or app features.
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- Discover several ways to solve coding issues.

Content Creation

- Project briefs, tutorials, and technical documentation are written with assistance.
- Create email templates or keep track of logs to facilitate team communication.

Automation

- Develop concepts for automating procedures or reporting with Claude as a collaborator.
- Reduce the amount of manual labor by programming processes that Claude assists with.

Research

- Get knowledge of new tools or technology quickly.
- To speed up learning, use Claude to simplify technical ideas.

2.6 Reflection on Feedback and Personal Growth

The Value of Feedback

As a student entering the professional world, I have learned that feedback is one of the most powerful tools for growth. I value every comment, correction, and suggestion—whether it comes from a lecturer, mentor, or teammate. I do not take criticism personally. Instead, I see it to reflect, improve, and become better at what I do.

My Growth Mindset

Throughout my studies and practical work, I have grown by staying open to feedback, asking questions when I do not understand, and being willing to try again when something does not work. Even when tasks feel overwhelming or unfamiliar, I put in my best effort because I believe consistency and a positive mindset matter more than being perfect.

Originality and Honesty in My Work

This document is my own honest effort and reflections. Everything written here is based on my firsthand experiences, ideas, and goals. I took time to write what truly reflects who I am and where I hope to go. I believe in learning with integrity and growing from every challenge I face.

Conclusion

I bring to Red Face Company an open mind, a powerful desire to learn, and an expanding skill set as I start my adventure. Contributing, developing, and learning new tools like Claude that can help the team succeed as well as my own personal growth excites me. I am grateful for this chance and am looking forward to collaborating with you to create something worthwhile.
