DEVIL Agents

Company Profile

COMPANY INTRO

DEVIL Agents was founded in 2018 with a vision to build digital products that let people do things differently. The brainchild of a young entrepreneur who brought like minded people on board and now are on a mission to push the boundaries of AI, developing programs that can learn to solve any complex problem without needing to be taught how.

Devil Agents consists of young and dynamic professionals who have industry exposure and relevant experience in their key domains. With experienced and passionate team behind Devil Agents, the company driven, well informed and motivated to delivering best results to our clients.

The company intends to develop products in the field of cyber security, healthcare, and agriculture. The bottom line is to make our products accessible and affordable to everyone.

THE NAME

The company name: Devil Agents, is a new word created for the company. The Company name is an abbreviation for <u>D</u>evelopers, <u>E</u>ngineers, <u>V</u>isionaries, <u>I</u>nnovators, <u>L</u>iterature - DEVIL Agents - A Technology driven company that focuses majorly on

1. IOT
2. AI (ML, DP)
3. WEB/MOBILE AND SECURITY
4. MECHANICAL DESIGN

THE LOGO

The logo is in the shape of devil's head. It also represents the core business functions of the company - AI. If we invert the logo we will find A and I in the middle of the face.

We have also used the form of yin-yang in the logo. Yin-Yang describes the concept of dualism in ancient Chinese philosophy, describing how seemingly opposite or contrary forces may actually be complementary, interconnected, and interdependent in the

natural world, and how they may give rise to each other as they interrelate to one another.

MISSION & VISION

Mission

Think, Design, Apply and Share intelligence to technological advances that benefit the human society

Vision

Through our passion and enthusiasm, we will always strive to do things beyond ordinary. With our feet firmly on the ground and our values intact, we will adopt the change as required by changing times.

COMPANY SERVICES

IOT (Internet Of Things)

At Devil Agents (DA) we provide end-to-end IoT solutions empower smart living and smart enterprises and deliver connected experiences by connecting assets. While we have expertise across all stages of IoT adoption to provide you with a seamless single vendor experience to maximize efficiencies, we focus predominantly on the segments mentioned below:

- **Smart Living** – Wearables, Healthcare, Security. Enhance the quality of life by embracing emerging technologies designed to foster healthier, happier and safe environment.
- **Smart Enterprises** – Smart homes/ Buildings/ Offices, Retail. Connect people, machines and information using Big Data to enhance business efficiency in a secure ecosystem.

IOT Automation   BLOCKCHAIN with IOT

IOT HOME   Foldable Laptop

project/levels	Stage at	Completion Progress
IOT AUTOMATION	documents pending	80%
IOT Home	Research/ resources planning/ methodology	60%
Foldable Laptop	Research/ Designing	40%
Blockchain with IOT	Research/ scripting/	45%

AI(**Artificial Intelligence**)

At Devil Agents, Artificial Intelligence (AI) development is primarily focused on connecting minds and industrial machines to enable intelligent and user-friendly products and services that move, cure and power the world. DA(Devil Agents) Research spearheads this charter via the invention and deployment of AI solutions that can execute on industrial devices, at the edge or in the cloud.

AI with Psychology(FREUD)   Decentralised AI

Project/levels	Stage at	Percentage
FREUD	Research/ validation/ scripting (fluctuating)	45%
DAI	Research/ scripting	30%

WEB/MOBILE AND SECURITY

Web design is not only about the look and feel of the brand on the web. It's also about making your customers' journeys easy and intuitive, as they are learning more about your products and navigate through your services online. Our ultimate goal at DA, is to make your users engage with your website, either if that is buying a product or leaving

their contact details as a lead.Our design team is most responsive people with friendly service and we thrive to help your business grow through creative approaches.

At DA, we empower our clients with mobile apps tailored to their organizations. Whether you need an enterprise-level app to streamline operations or a mobile sales portal, we can develop an app that builds business value.

 At DA, we also develop some algorithms and software, which can enhance the online security of your enterprise.

DUAL-PROXY TUNNELLING

A client based project from Paris, France, this is a port tunnelling between client and server, where we use two proxy client and proxy server.

Objective - The objective of this project is to create a system for anonymizing communication between a client and a server. The Anonymity system may consist of one or more intermediate nodes that properly encrypt and decrypt messages will exchange between the two endpoints. The server may be unaware of the anonymity system.

Findings - The server may be considered as aware or unaware of the anonymity system. In the latter case the last node should act as exit node and appears to the server as application endpoint.

Communication between adjacent anonymity nodes should be encrypted using symmetric cryptography. Symmetric keys should be initialized (created or transported) using asymmetric cryptography.

The underlying transport protocol between adjacent nodes can be either TCP or TCP. UDP is suggested for simplicity.

MECHANICAL

Mechanical is another vertical of DA, where we deal with, designing components to manufacturing, assembly, research.

AIR DUCT VEHICLE   IONIC THRUSTERS

AGRICULTURE VEHICLE

Project/Levels	Stage at	Percentage
ADV	Research/ Design|more research required	35%
IT	Research	20%

COMPANY OWNERSHIP

Mr. Gautam is the founder and will own Devil Agents. Mr. Ratnakar will be its Chief Executive Officer and will run the business operations. The company will be registered as a partnership firm where Mr. Gautam & Mr. Ratnakar will be the major shareholder of the company.

Devil Agents core team comprises of Ratnakar, who takes care of the operations and marketing strategies, and will micro-manage the various projects. Gautam will be the Chief Technical Office and will lead the Technology verticals of the company. He will also head the development department.

START-UP SUMMARY

Devil Agent's co-owners will each invest 50,000.00 rupees. The start-up costs are primarily for marketing material, website and activities to create awareness of the company. Major part of the investment will be used towards Research & Development for which we will seek funding at the appropriate time.

IMPLEMENTATION SUMMARY

Devil Agents will focus on Research and Development on key products for the year 2019-20. In order to generate revenue for the day to day operations, Devil Agents will focus on design and development of websites and mobile applications. The company also plans to appoint sales agents on a commission basis to generate leads.

COMPETITIVE EDGE

ROAD MAP 2019 - 20

DEVIL AGENTS R&D PLAN

PROJECT ONE: FREUD

PROJECT BRIEF:
FREUD is an abbreviation for Facial Recognition for Emotionally Unstable and under Developed, this project deals with the AI with Deep learning and IoT, where this device has a few key elements which reflects in features like, guided overthinking, understanding capabilities of a human emotion, and respond to it, and it will be a personal companion.

The timeline for the R & D of this project is one year.
So currently we are second phase of the project.

During the year 2019 - 20, we will document our research findings. We will send the report to subject matter experts for their opinion and reviews. We will then prepare a complete project report to raise funds and further help us in R & D and also building a prototype.

Currently, we have completed Phase - 1 of the project which includes, the algorithm, part where its running as we need, with the data sets. And the virtual simulation part into the embedded target has been done
We have to begin the simulation for the phase two, this will help us to ensure that we should be sure in real time simulation with the algorithm and the embedded target.
After the simulation part is done we need to move to uploading the algorithm into the embedded target. Once this is working fine, the second phase of the project that is the smart watch part will be completed and we can move to the prototype stage.

In Phase -3 , we need to do the simulation part for the headsets and we need get the prototype stage too. We need to run a few live and runtime simulations to reduce and remove any errors.

After successfully completing these stages we will prepare an investment deck for commercial production. The product will be targeted to both B2B and B2C markets.

PROJECT TWO : AGRI BOT.

PROJECT BRIEF:
Agri bot is a fully autonomous robot, which is powered by an AI microchip, which can control the bot functionality and its thinking and responsiveness to the problem, to see it will be like a spider, with six legs and each leg have the functionality to see.
Project is in 7 stages, first stage is research and data gathering, second algorithm and simulation with the data sets we gathered, third designing the bot features, fourth simulation the bot motion in matlab & simulink, fifth complete virtual simulation, sixth manufacturing and simulation in runtime, seventh running and testing Where are we now at stage one What is the next step we are making sure that the data we receive is correct or not