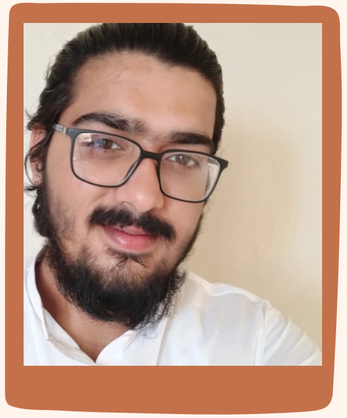

OUTFIT
GENIUS
AI BASED
Recommendation
System

Our Team

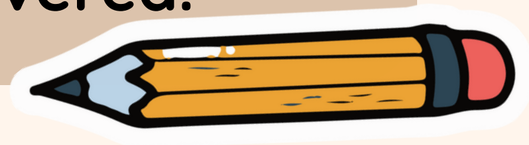


Muhammad Ahmed Fraz

Jamshaid Khalid

Outfit Genius

Outfit Genius is a cutting-edge personal styling platform that empowers individuals to create unique and stylish outfits. Our platform leverages the latest AI technology to provide personalized outfit recommendations based on your individual style preferences, body type, and occasion. Whether you're looking for an outfit for a special occasion or just want to refresh your wardrobe, Outfit Genius has got you covered.



Features

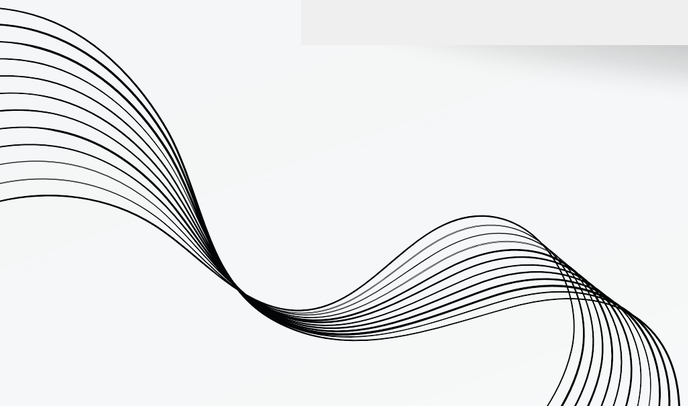
AI Based Recommendation

Different Brands Comparison

RECOMMEDATION

Our mission is to help you find the best outfits that fit your style.

Using KNN and other advanced Machine Learning Algorithms, recommending the best outfit to the user

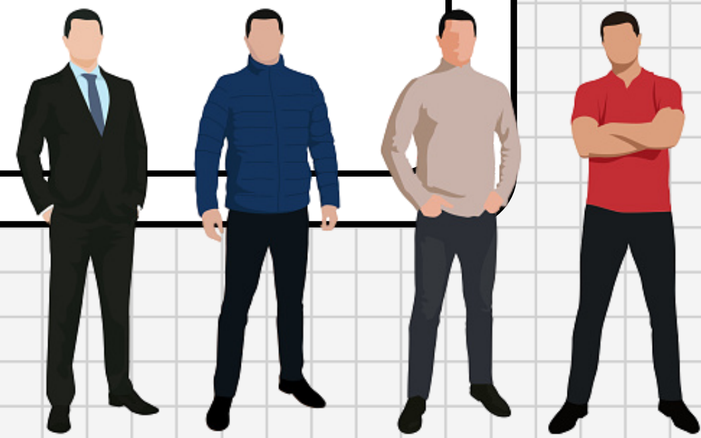


Shirts, Pants, Shorts?

Search

We got the best results for you

FAST Searching and sorting based on input



TECH STACK

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01

REACT Js

Client is Made with the help of React Js

02

Express

Http Server App is made with Express

03

Node Js

Backend Server is made with Node js

04

Python

AI Model is made in python

05

Mongo DB

The Database used is Mongo DB

06

Context API

To Manage Global States Used Context API

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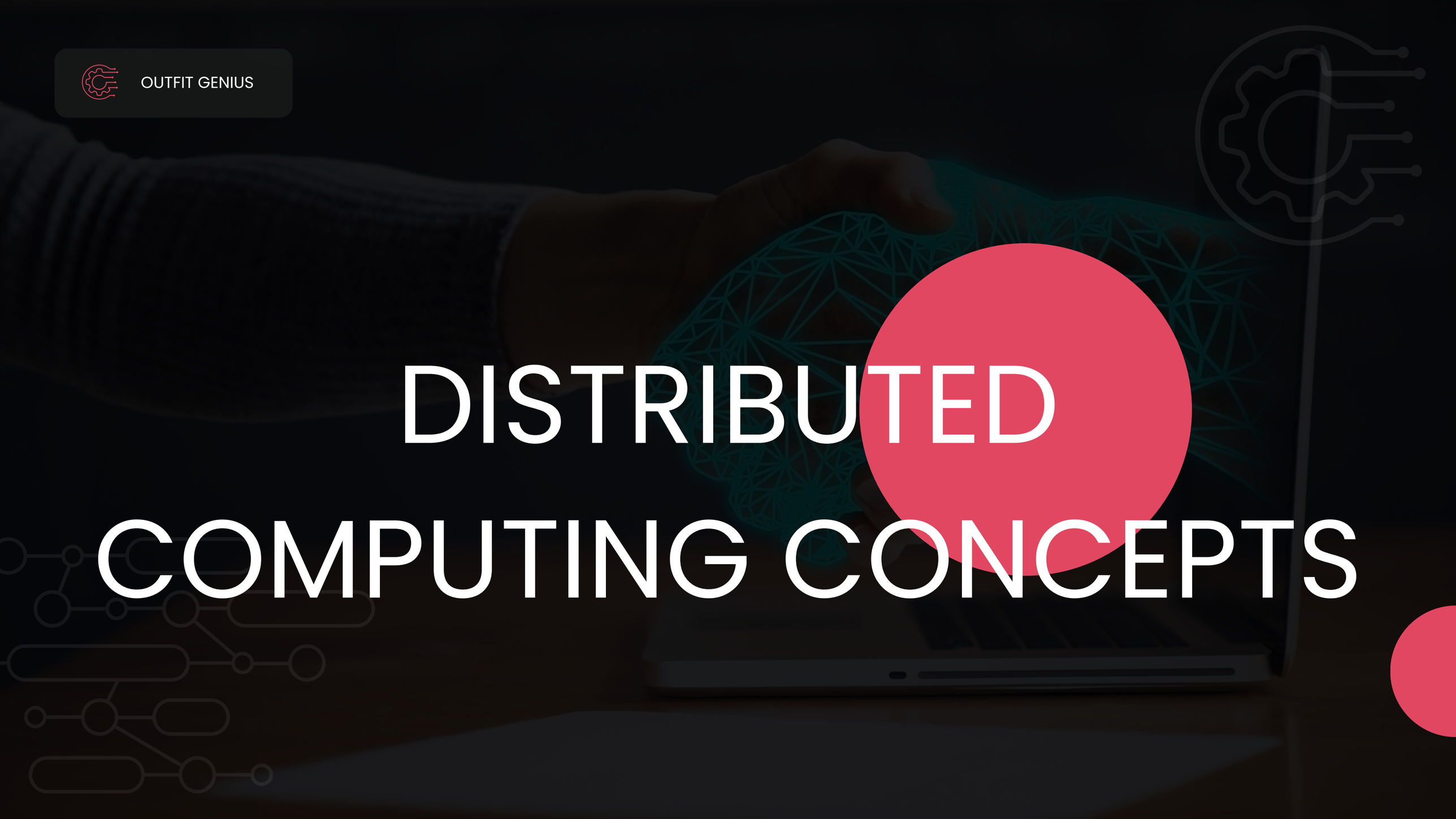

DISTRIBUTED COMPUTING CONCEPTS

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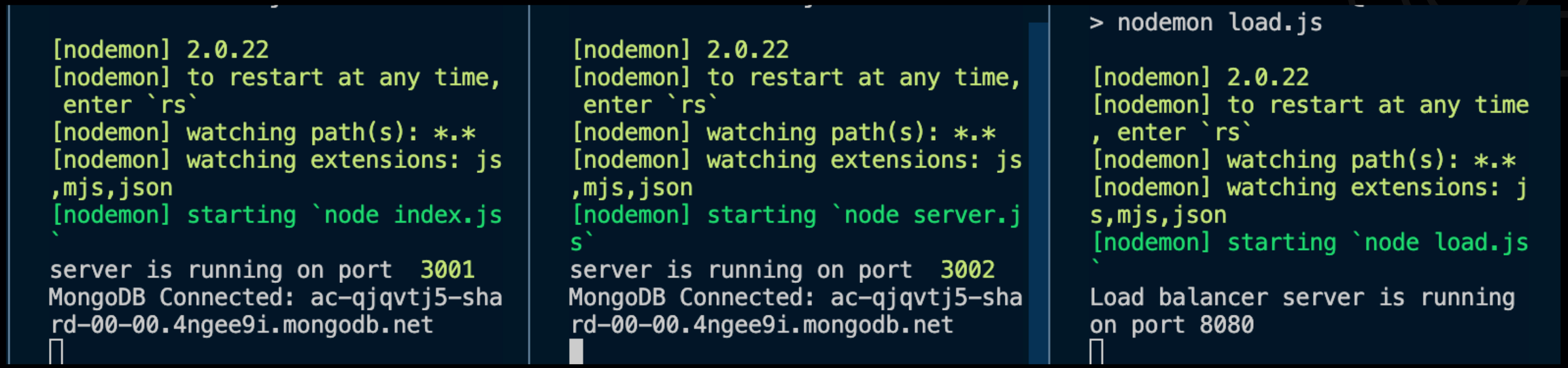

LOAD BALANCING

- Http Proxy Package
- Multiple Server Instances
- Round Robin Algorithm
- Client & Server Architecture
- Clusters of Database

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FAULT TOLEARANCE

01

Maintaining the health of servers with a parameter named that keeps track of server Health

02

Making Sure that System works and client should get response

03

Using Package Http Proxy with some coding

04

With End points like /healthCheck to constantly track the health of Servers

```
const backendServers = [
  { url: 'http://localhost:3001', healthy: true },
  { url: 'http://localhost:3002', healthy: true }
];      Ahmed Fraz, 21 hours ago • DC project done …
```

```
// Health check endpoint
app.get('/healthcheck', (req, res) => {
  res.json(backendServers);
});
```

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THANK YOU

DEMO TIME