

# **GOVERNMENT COLLEGE OF ENGINEERING [IRTT]**

**ERODE: 638 316**



## **Electronics and Communication Engineering**

### **NAAN MUDHALVAN DIGITAL MARKETING ASSIGNMENT**

*BRAND NAME: TECH & TRONICS*

*CATEGORY: TECHNOLOGY &  
ELECTRONICS*

*NAME : Pradheepkumar K*

*NM ID :*

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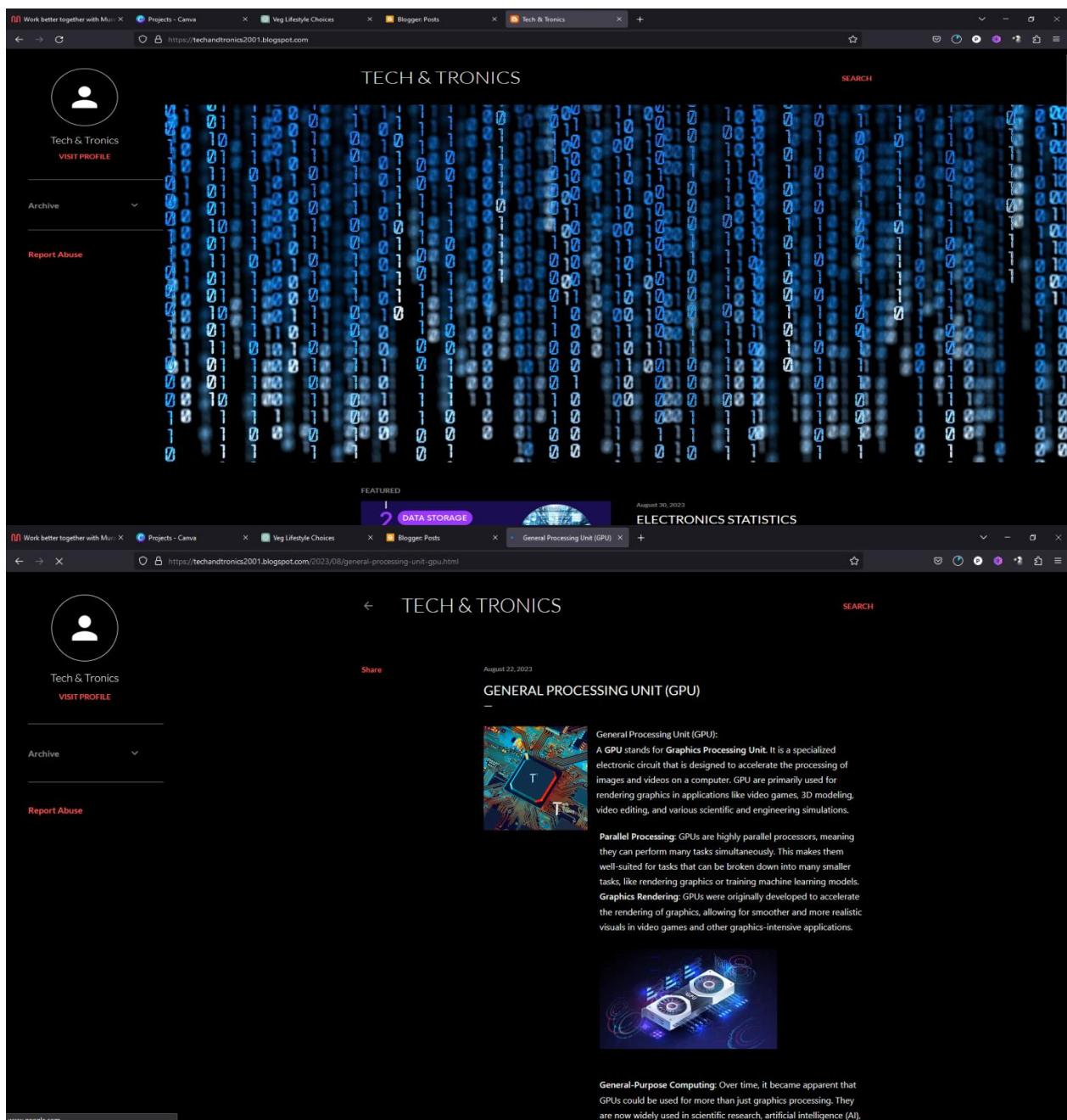
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1. Create a blog or website using Blogspot and WordPress. Customize the theme design and post new article with 500 words.

Link: Blog using Blogspot

<https://techandtronics2001.blogspot.com/2023/08/general-processing-unit-gpu.html>

Screenshot:



Work better together with Microsoft  
Projects - Canva  
Veg Lifestyle Choices  
Blogger Posts  
General Processing Unit (GPU)

← →  
https://techandtronics2001.blogspot.com/2023/08/general-processing-unit-gpu.html

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machine learning, cryptocurrency mining, and other fields where parallel processing is beneficial.

**CUDA and OpenCL:** To utilize a GPU for general-purpose computing, developers typically use frameworks like NVIDIA's CUDA or the open-standard OpenCL to write code that can run on GPUs.

**GPGPU:** This stands for General-Purpose computing on Graphics Processing Units. It's a term that describes the use of GPUs for tasks beyond graphics processing.

**Dedicated vs. Integrated:** Some computers have dedicated GPUs, which are separate cards designed solely for graphics processing. Others have integrated GPUs, which are built into the computer's central processing unit (CPU). Dedicated GPUs are generally more powerful and suitable for demanding tasks, while integrated GPUs are more power-efficient and suitable for everyday computing.

**VR and AI:** GPUs play a crucial role in virtual reality (VR) experiences and AI applications because of their ability to handle complex calculations and render high-quality graphics in real-time.



**Ray Tracing:** Modern GPUs often support ray tracing, a rendering technique that simulates the behavior of light as it interacts with objects in a scene. This results in highly realistic and immersive graphics.

Share

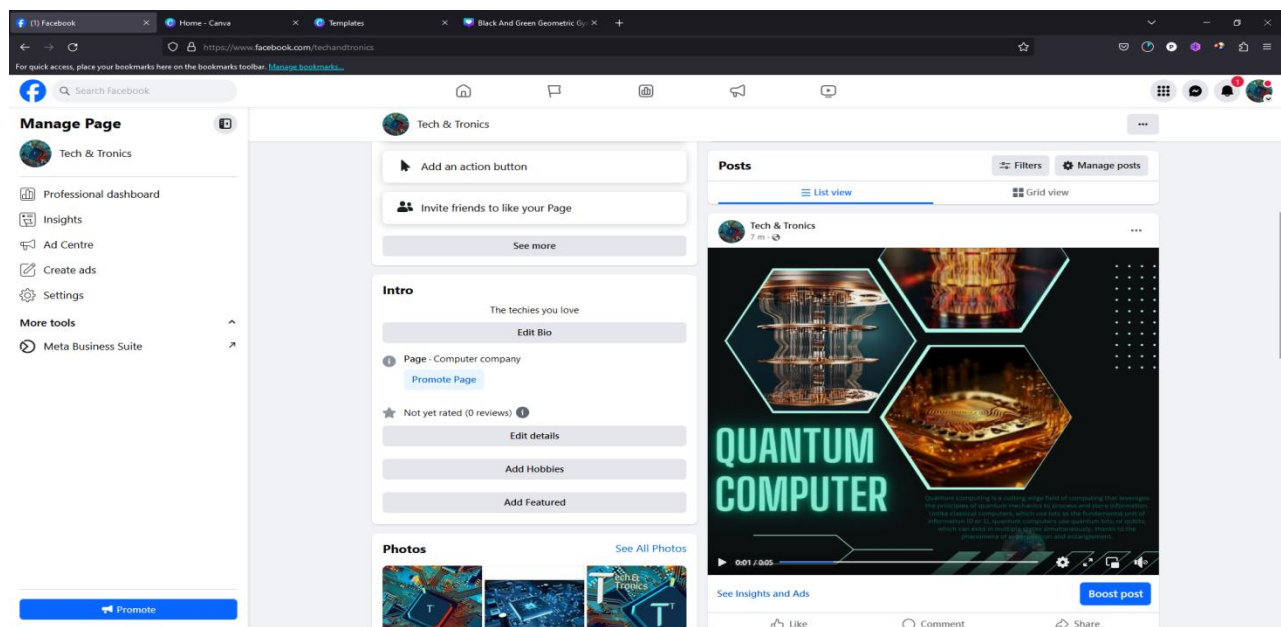
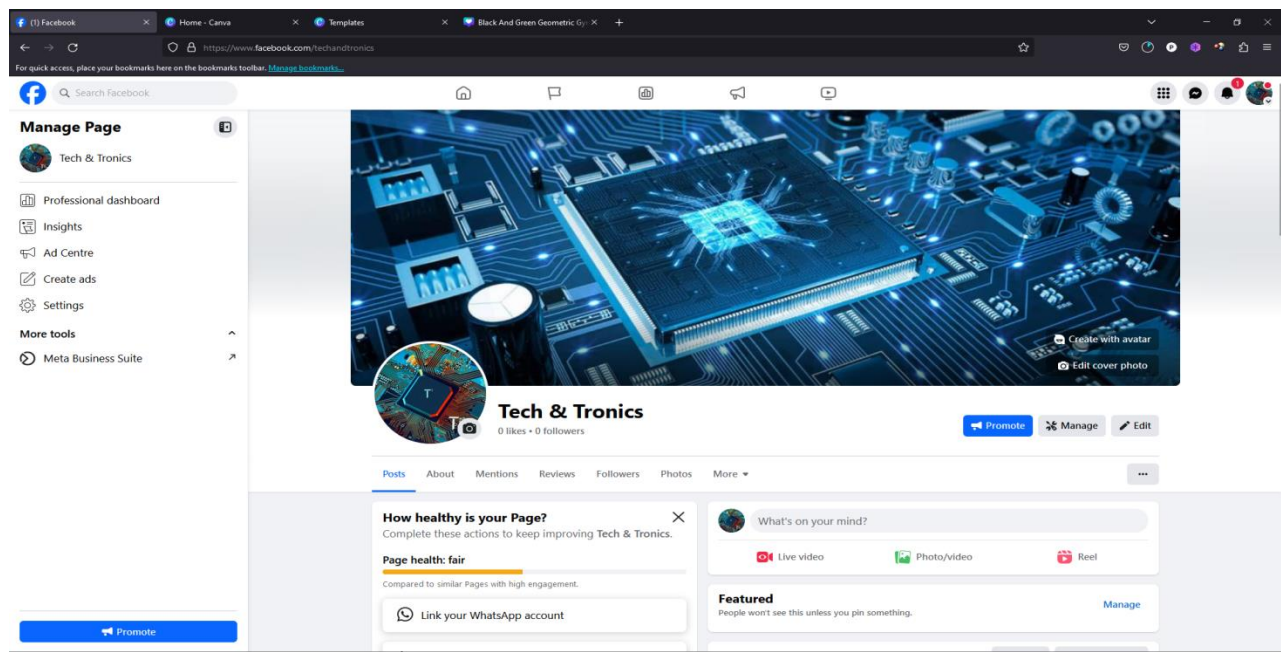
COMMENTS

2. Create a New Facebook Business Page and post one social media poster for your brand.

Link: Facebook business page

<https://www.facebook.com/techandtronic>

Screen shot:

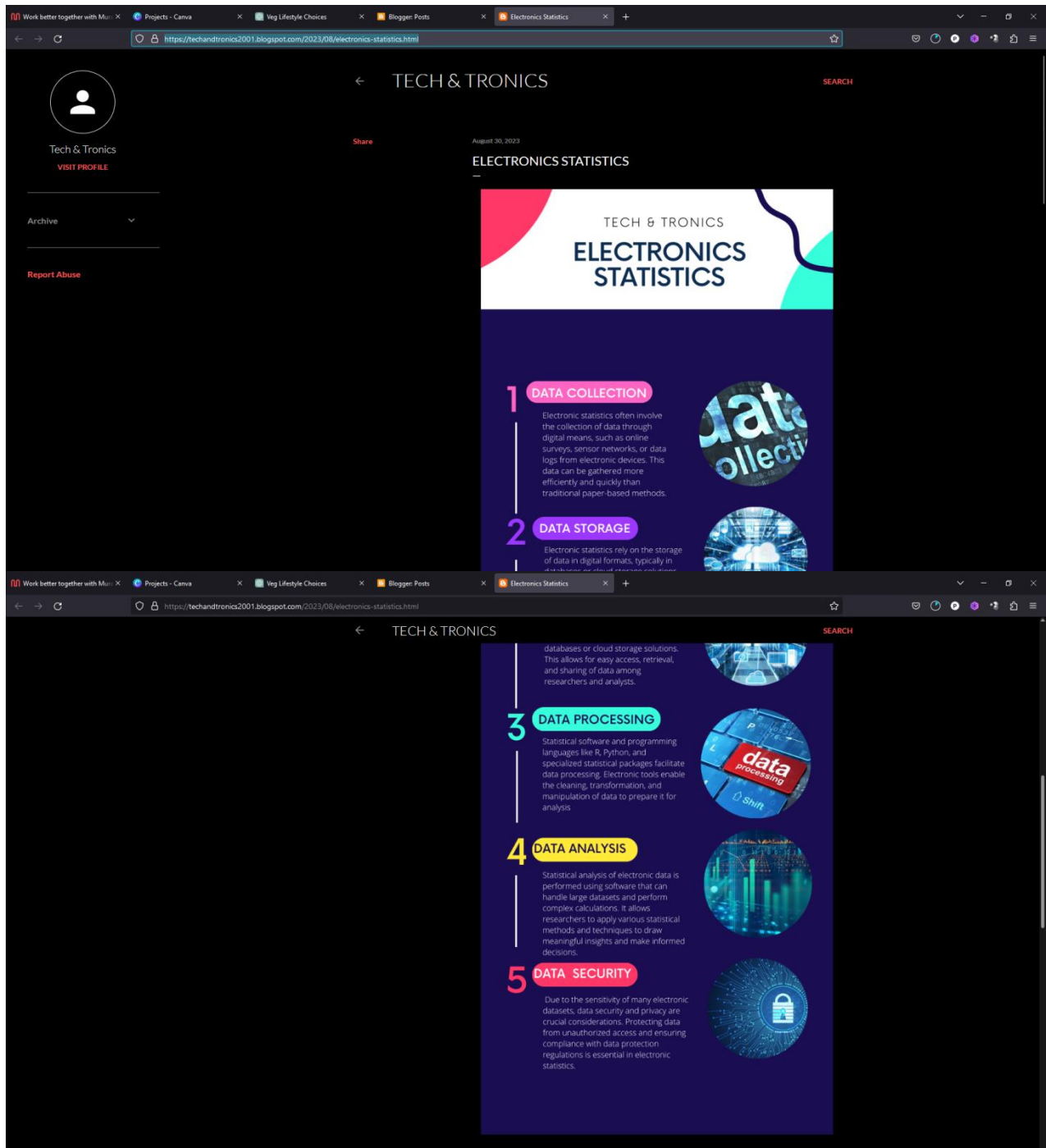


3. Create and design a social media advertisement poster using canva.

Link: Social media advertisement using canva

<https://techandtronic2001.blogspot.com/2023/08/electronics-statistics.html>

Screenshot:





4. Create email newsletter design using MailChimp or canva tool.

Link: Email newsletter design using canva

<https://techandtronics2001.blogspot.com/2023/08/biotechnology-and-electronics.html>

screenshot:

