NEURON33

COMPANY PROFILE

2022

www.neuron33.com

ABOUT US

Neuron33 Ltd. is a Bangladeshi software and game developing company committed to transforming the current technological gaps to create the most digitalized world full of technology. With pioneering yet robust specialized services and immense knowledge-based computational research, Neuron33 Ltd. brings in the industry's best engineers to digitalized the technological-based companies to make them fit for today's highly competitive world. Initially formed in 2021 with an aim to serve the USA, the company now has expanded its services to Australia and further envisages providing its services to other parts of the world soon.

Allied with two giant tech experts – Battery Low Interactive Ltd. and Optimus Tech Solution, Neuron33 Ltd. offers a wide range of competitive and complex services from software development and game development to augmented and virtual reality-based technology. Our team exhibits a great deal of interest in AI and data analytics which are also in the pipeline and will be at the disposal of the clients' behest.

With the best software engineers in hand while ensuring the top-notch service quality, ground breaking analytical tools and cross-disciplinary knowledge partners, Neuron33 Ltd. is the fully-fledged team to provide you with the best quality advanced technological service with no string attached.

OUR
MISSION

The Neuron33 Ltd. is founded with an intention to utilize the local talents and myriads of global opportunities to catapult the global advancement of technology to a new height. While we leverage the perfect blending of the talented local workforce with all the powerful and super-functional resources, we aim to shine through our state-of-the-art services to bring about a revolutionary change to the perception of how modern technology can be used in various ways.

We put a great emphasis on the complex technological wire-frame, such as artificial intelligence, AR/VR, data analytics, etc. These fields often have gaps of talented individuals, and due to a lack of proper leg-up and support, these potential sectors will never see the ray of hope. Therefore, our primary goals encompassed the integration of complex techs like VR and AR into your software or gadgets, how the software development can amplify your day-to-day operation online, how the game industry can be your next legacy to bring multi-million revenue, and how AI can be merged with the conventional computer vision to perform more innovative tasks, etc.

We also wanted to ensure that every successful use case we build and solve must leave an imprint for the tech-savvy to advance with more technical improvement and complex problem-solving capabilities.
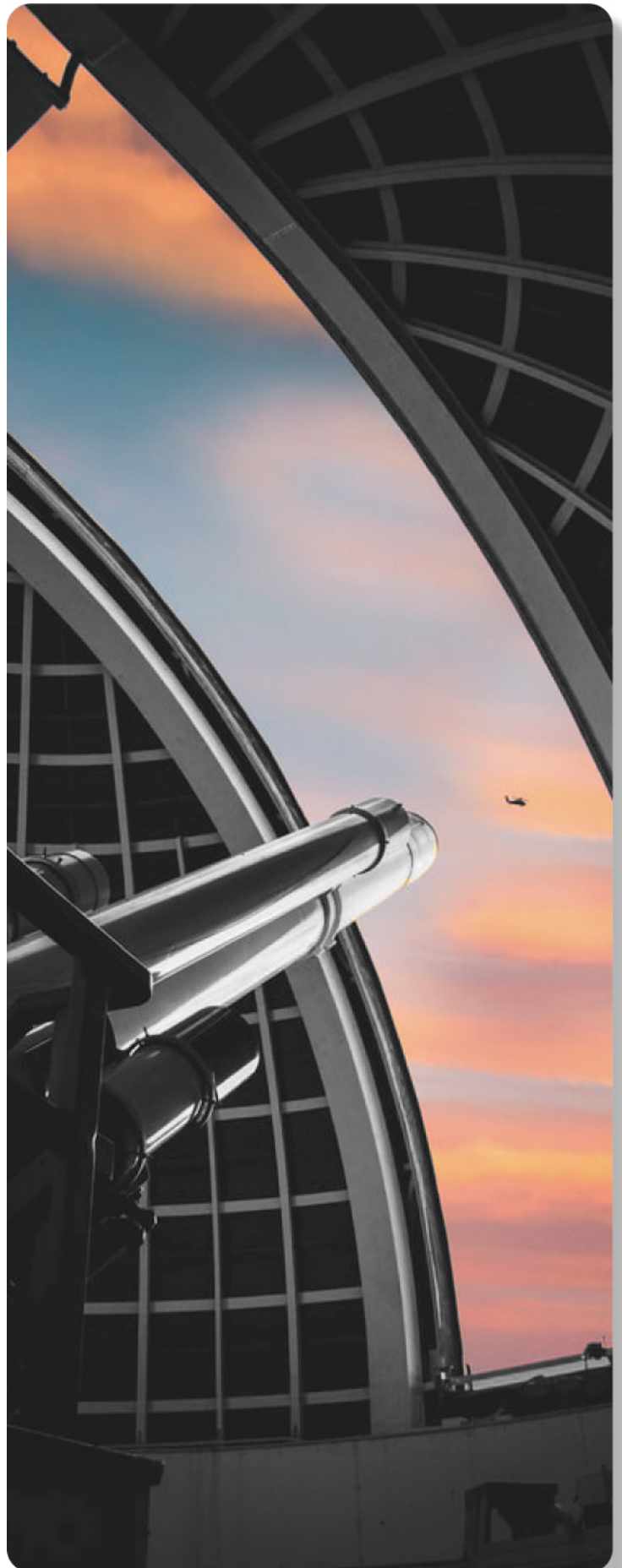
OUR
VISION

Our long-term vision lies in creating the scope for future technophiles to contribute to the digital transformation of technology in all spheres of life, from medical and data science to security and government sectors. We also dream of introducing AI and machine learning technology with their robust form so that they can be integrated into all the relevant technology and modern equipment to perform the tasks with the highest intellectuality and wisdom, leading all the industries to become compatible in line with the giant techno-world.

Our vision also extends to building the institutions in the future where we will train the techies to expand their knowledge and credibility by availing themselves with first-hand experience. Besides, with the increased budget and scope, we will expand our workforce by recruiting more interns from various local institutions so that they get to improve their realm of this complex computer programming from a very early stage of their career. We want to gain the spotlights from various other large techno enterprises and conglomerates worldwide so that our use cases will be applied and researched throughout to streamline their workflow and hence productivity.

Together, we want to build the world with sheer technological advances and unbound opportunities.

MEET THE
ADVISORS

WAYESH QARONY

Postdoctoral Scholar
Berkeley, California, USA.

Currently working as a full-time Postdoctoral Scholar at Berkeley Lab, Dr Wayesh Qarony had graduated in Electrical engineering from American International University in Bangladesh, followed by undertaking a master's in telecommunication engineering from Universita di Trento in Italy. Having persuaded his PhD in Philosophy from the Hong Kong Polytechnic University, his interest grew in nanophotonics design, quantum device fabrication technique, CMOS application of biomedical technology and many others, which led him to supervise in the competitive fields of Nanofabrication for topological optics/photonics. Up until now, he has almost 70 publications and counting. He has received multiple awards and honours throughout his career span.

MD AI MASUM BHUIYAN

Assistant Professor & Data scientist (Mathematics)
Clarksville, Tennessee, USA.

Dr Masum Bhuiyan is a prestigious data and predictive analyst, also working as an assistant professor at Austin Peay State University. While he finished the Big Data Analytics certification and SAS base programmer certification exams, his interest entailed exploring the field of applied statistics, high frequency and high dimensional data analysis with the machine and deep learning. By undertaking both a Master's degree in Mathematical Science and a PhD in computational science from the University of Texas at El Paso, he now takes immense pride in having published 18 publications.

OUR
SERVICES

SOFTWARE DEVELOPMENT

Enhance or create your company's software according to your businesses' models with super compatibility and highly integrating features. Our development involves creating the software to launching it to its final version, albeit rigorously following all the holistic and systematic protocols. Our notable services are:

- **Custom Software Development**
- **Web Application Development**
- **Mobile Application Development**
- **Software Prototyping**
- **Quality Assurance**

AUGMENTED REALITY

The AR has extended its outstanding technology beyond the conventional use; you can now use its virtuality and vision to many other sectors, where its application is supposed to generate more value. Our services also roll out to:

- **Scene Detection.**
- **Image & Object Recognition.**
- **Motion Tracking.**
- **Light Estimation.**

OUR
SERVICES

VIRTUAL REALITY

Create the most advanced and ravishing visual environment with our cutting-edge technology to virtually experience the surroundings. From the very outset, virtual reality is deemed to have the most viable and potential market in the ongoing trend. We have mastered this field with our ground-breaking integration with some of the leading VR experiences providers. Our services:

- **VR App Development**
- **VR Design**
- **Computer Vision**
- **Virtual Tours**

GAME DEVELOPMENT

Create and develop the most aspirational games of any genre with the most talented and versatile game developers in Bangladesh, starting from concept analyzing to 2d & 3D gaming production, storyline development, quality assurance and optimization for mobile, PC, Web, and many more. We provide the following services:

- **Video Game Development**
- **Virtual Reality (VR) Game Development**
- **Augmented Reality (AR) Game Development**
- **Mixed Reality Game Development**
- **Real-time Multiplayer Game Development**
- **Cross-Platform Game Development**
- **Mobile Game Development**
- **Web Game Development**
- **Game Testing and Porting Services**
- **Character and animation designing**
- **Programming & Testing**

OUR
SERVICES

DEV OPS

- Team is extensively experienced in Cisco ASAs, Routers, Fortigate, PaloAlto, Juniper, Watchguard, SonicWall, Ruckus, Arista, Aruba, HP, Dell, Cisco, etc.

- Team can provide expert services on AWS, Azure, GCP, Appian Cloud, Oracle Cloud network deployment and troubleshooting and automation.

- Strong Unix/Windows systems administration, configuring DNS, DHCP, Web, Mail, Syslog, DB, etc.

- Networks Design and Architect on SD-WAN, Multi-Homing, MPLS Networks, eBGP, iBGP and HSRP, Transit Gateways,

- EC2, VPC, VPN IPSec, BGP, Transit Gateways on AWS Cloud, Azure, GCP and Oracle Cloud.

- Integration of RSA, Okta, Duo for single sign-on for multiple internal and external applications.

- Integration of MFA remote access SSL VPN RSA, DUO on CiscoAnyconnect, Global Protect, integration Active Directory server.

- Security Cisco Firesight Management Center deployment Source-fire modules Cisco IPS/IDS, Panorama, and Palo alto NextGen implementation.

OUR
SERVICES

DEV OPS

- Voice Implementation Cisco Call Manager and Cisco Unity, RingCentral, Mitel etc.

- Wireless Implementation Ruckus ZD, Unifi Controller, Cisco Wireless controller Installed and Meraki Networks,

- Network analysis and capacity planning experience using tools like Sniffer, Wireshark, Nmap, SNMP, PRTG, Solarwinds, MRTG, BandwidthD, Cacti, Nagios, Zabbix, Grafana etc. in Unix System

- Storage Networking installation and configuration for Cisco UCS, Nimble Storage, Dell, Isilon and configuration of VMWare ESXi hosts.

- Automation Using Ansible Playbook, Terraform, bash, Python

- Borg Master, Kubernetes, Docker Container

- Database SQL, Microsoft SQL

- Systems Integrations Web Development, Application development Python, PHP, Laravel, Angular JS, React JS, Flutter, TypeScript, REST API, Vue JS, C#

- Version Control Gerrit/Git

- CI/CD Kokoro/Jenkin

OUR
SERVICES

DIGITAL MARKETING

SEO Service

- SEO Content Strategy & Planning

- Off Page SEO including keyword research & strategy by using Ahrefs/SEMrush, competitors backlink analysis, web2.0 blog post etc.

- Technical SEO including competitor analysis, meta data analysis, image optimization, speed optimization, structured data Markup, backlink analysis

- Local SEO including competitor analysis, keyword research & strategy, google my business SEO, Ecommerce SEO etc.

- On Page SEO including title tag optimization, robots.txt, google search console and analytics implementation, solving js errors etc.

- Link Building including keyword analysis, backlink audits, outreach service, guest post, niche edits, broken link recovery, white label blogger Reach

- SEO friendly website development & optimization

Social Media Marketing

- Content Creation including content blueprints for different social media platform

- Social Media Management (Facebook, Instagram, LinkedIn etc.)

- Paid social media services including ad production, creative testing and conversion optimization

- PPC Management including search ads, Display ads, Social ads, Remarketing Ads, in stream ads etc.

- Email Marketing (MailChimp, Zoho etc.)

WHY
CHOOSE US?

- We have in-house top-notch developers who excel exceptionally well in their field of subjects.
- We provide customized and bespoke solutions to your needs apart from delivering our off-the-shelf solutions.
- We allocate a dedicated project manager for your project to execute the tasks in an iteration.
- Your technological tasks are planned, evaluated, developed, and quality-checked between Neuron33 Ltd., Battery Low Interactive Ltd., and Optimus Tech Solution. Hence, no hassle and disruption in the workflow.
- Before implementing any actions, we note down your preference, project nature, and the complete overview of your project.
- We have successful real-life use cases to give you a live demo before executing the tasks.
- Our instant support providing team is always ready at your disposal.
- We do all the complex and competitive tasks at an affordable cost without compromising quality compared to other counterparts.
- We are transparent and prepared to accept any challenges you face on a day-to-day basis.

FEEL FREE TO
CONTACT US?

PHONE

+880 1841 434 448
+880 1875 152 568

EMAIL

ask@neuron33.com

WEBSITE

www.neuron33.com

ADDRESS

CWS(C)-8, Gulshan Grace,
Gulshan-1, Dhaka 1212,
Bangladesh

THANK
YOU