



# BINU K JOSE

FREELANCER | ROBOTICS | HARDWARE & SOFTWARE DEVELOPER | PYTHON, C, C++, C# DEVELOPER | 3D MODELING & 3D PRINTING | CAD DESIGNER | EDUCATOR & TRAINER | UNITY GAME DEVELOPER | PCB DESIGNER & EMBEDDED SYSTEM DEVELOPER | AI, COMPUTERVISION, DEEP & MACHINE LEARNING DEVELOPER

## Details

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DATE OF BIRTH  
04-12-1995

LinkedIn  
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Website 1  
<http://www.grapesinnotech.com/>  
Website 2  
<http://www.zebjus.com/>  
YouTube 1  
<http://www.youtube.com/@grapesinnotech>  
IEEE Award  
[https://youtu.be/Sj2lor4\\_1fM](https://youtu.be/Sj2lor4_1fM)  
YouTube 2  
<http://www.youtube.com/@zebjus9899>  
Facebook  
<https://www.facebook.com/binu.jose.921>  
Instagram  
[https://www.instagram.com/josephin\\_k\\_jose/](https://www.instagram.com/josephin_k_jose/)

## Skills

Python  
Complex Problem Solving  
Choose right electronics compornts and parts  
ATMega programming  
PCB design Circuit designing  
Drone Development & design  
Drone piloting  
C Programming  
C++ Programming  
C# Programming  
Educator and Trainer

## Profile

My experience in technology started from a young age. Started in the field of electronics and was self-taught during my college years through coding, PCB design and drone technology. In 2023, I was able to expand my knowledge and skills to other areas. Now I have expand my skills from 3D Modeling, Unity Game Development, and Website Development, Android iOS Development to Deep Learning, Machine Learning, Artificial Integration, Robotics and Product Development. I can identify technical problems and resolve them as quickly as possible. Bringing forth expertise in managing all aspects of the software, hardware development life cycle. Skilled in problem solving and executing software tasks from start to finish.

## Work History

### ZEBJUS – Online education platform

December 2020 - Present

- I started working at ZEBJUS from 2020.
- Created a **website** from WIX platform ([www.zebjus.com](http://www.zebjus.com))
- Created and added payment gateways to the website
- Developed online training content in **Robotics, Computer Vision, Python, C++ , Image Processing, Deep Learning, Artificial Intelligence, Machine Learning, and Unity game development, Drone, PCB Design, 3D Modelling, Embedded System and Electronics.**
- I create **recorded videos** and sell them on the zebjus.om online platform.
- Each training content and the associated virtual platform was created from the **Unity** platform, exported to **WebGL** format, and then added to the website. the virtual platform help students to get more hands-on experience..

### GRAPES INNOTECH – Research and development center

June 2016 - Present

- I started working at GRAPES INNOTECH from 2016.
- Created a **website** from wix platform ([www.grapesinnotech.com](http://www.grapesinnotech.com))
- Created and added payment gateways to the website
- Created social media platforms and generate posts also run ads.
- I visited various institutes and **trained** students in various techniques. Further training in **Drones, 3D Modelling, Robotics, PCB, and Embedded system** development was also conducted. Now I have trained up to **10000+ students in 50+ institutes** so far.
- Develop and manage projects in **Robotics, Drone, PCB Design, 3D Modelling, Embedded System and Electronics, Computer Vision, Python, C++ , Arduino Image Processing, Deep Learning, Artificial Intelligence, Machine Learning, and Unity game development.**
- Developed **300+ electronic** projects and **circuits.**
- Developed **200+ coding programs** and projects.
- Designed and developed **30+ drone**-related projects and developed **15+** different **drone designs** and 10+ applications
- Developed **40+ computer vision projects.**
- Developed and design **200+ 3D models** and print **500+ 3D printed** parts.
- Designed and developed **10+ UNITY** projects.
- Developed **200+ Arduino** projects.
- Developed **10+ websites.**
- Developed **20+ products.**
- Designed and developed **50+ PCB** boards.
- Supported and worked on **2 Phd.** projects.
- Work on **3 Machine Learning** projects and **5 Image Processing** projects.
- Digital marketing and social posts are created and run through social media platforms.
- Delivered and executed **70+ digital ads** on social media platforms.

PCB Soldering

Research and Development

Circuit Troubleshooting

Circuit Schematic designing

Image Processing

Deep Learning

Machine Learning

Artificial intelligence

Digital Marketing

2D Sketching, 3d modeling

Autodesk Fusion 360

3d printing

Cura 3d slicing

CNC Milling

Electronics parts assembling

Website developer (WIX)

Microsoft Office

Microsoft Office Word

Microsoft Office PowerPoint

Video editing (power director)

Canva, Picarts

Content Creation

Hardware Troubleshooting

Ability to Work under Pressure

Ability to Work in a Team

Electronics Components testing

Electronics Inspection and Repair

### Languages

English

Malayalam

### Hobbies

Listen music

Idea thinking

### Awards and Appreciations

All are available on the home page of this website.

<https://www.grapesinnotech.com/>

## XENIABS MECHATRONICS pvt.ltd – Product Design and Development (R&D)

January, 2021 - December 2022

- I started working in this company in product design and development.
- Created a **website** from WIX platform.
- Created social media platforms and generate posts.
- Find **problems** in real-life applications and generate **new ideas** from them and start developing a problem-solving solution like its **prototype** development.
- Create product **CAD** design and 3d models in **Fusion 360**.
- Create **schematic** of electronic circuits and design **PCB layout** from **EasyEDA and Eagle** software.
- Create **embedded hardware** and **embedded software**. And flash the program to the **microcontroller**.
- The hardware and body parts were **3d printed** using an Alfawise printer and the design was modelled from **Fusion 360**.
- Developed 10+ products in one year.

### Education

**Electronics and Communication Engineering** at Mahatma Gandhi University (KMP College of engineering and Technology)

August 2013 – July 2017

**Higher Secondary** at St. George's Higher Secondary School, Kothamangalam

August 2011 – July 2013

### Life's turning points

1995- I was born > my first job and salary. While studying in 5th standard > Finding my future and dreams in 6th standard > I interested in electronics and drones and started developing some projects from 8th grade > In 2015 I received an appreciation from an **IEEE** Fellow. He is interested in some of my projects > I got an unofficial job offer from **ISRO** in 2015, which I declined > in 2016 - Many of the projects done during the study were exhibited by many institutions and won prizes > 2017 I launched my first **startup** based on education, research and development. I also named it **Grapes Innotech**. This way I can learn more, do more and take more classes in colleges like workshops. I was able to. . > In 2020 company started in PVT LTD registration as **XENIABS MECHATRONICS**. The focused area is research and development and products selling of productive parts for home and hotel sectors. > In 2021, I launched a new online **education platform** for students to get more skills like me in an easy way. I also named **zebjus**.