


# G BHADRA NAIR

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## PROFILE

An enthusiastic and organized individual with a strong foundation in programming and problem-solving, eager to kickstart a career as a Developer. Passionate about writing efficient, scalable code and staying up-to-date with emerging technologies in software development.

## PROFESSIONAL EXPERIENCE

2025/03 Thrissur, India	<b>Cloud developer</b> Erasmith Technologies
2024/12 – 2025/02	<b>Backend Developer</b> Appraizal
2024/07 – 2024/08 Ernakulam, india	<b>Software intern</b> Emvigo Technologies
	<b>Designer/Website Developer</b> AROOKIE College startup, specializing in AR development. Successfully completed multiple projects and apps, with ongoing development across various projects.

## SKILLS

<b>Languages:</b> C, Java, HTML, JavaScript, CSS, PostgreSQL, Python, MySQL, Ansible	<b>Framework:</b> Django, React, Spring
<b>Developer Tools:</b> Git, GitHub, VS Code, IntelliJ, MobaX, Rundeck	<b>Soft Skills:</b> Problem Solving, Critical Thinking, Fast Learner, Active speaker
<b>Cloud Platforms</b> AWS, GCP, Digital ocean	




## EDUCATION

2021 – 2025 Thrissur	<b>B TECH COMPUTER SCIENCE AND ENGINEERING</b> Universal Engineering College Currently pursuing the B Tech in Computer Science and Engineering under APJ Abdul Kalam Technological University with CGPA 7.3
2018 – 2020 Thrissur	<b>HIGHER SECONDARY EDUCATION</b> Bharatiya vidya bhavan, Poochatty, Thrissur, Kerala Completed Higher secondary education passing with 75 percentage
2016 – 2019 Kodungallur	<b>HIGH SCHOOL EDUCATION</b> Bharatiya vidya bhavan Kodungallur, Thrissur, Kerala Completed High School education passing with 90 percentage

## CERTIFICATES

<b>Full Stack</b> Cloud innovation	<b>Excel</b> JP Morgan
<b>Cloud Computing</b> Techgyan by IIT bombay	<b>AI</b> ISRO

## PROJECTS

- GCP server automation**   
Backend Developer  
Automation of **CRUD processes** on server.  
**Backup policy** creation and deletion using **python script** and **GCP sdk**.
- AWS server automation**   
Backend Developer  
**Creation** of servers, **Deletion** of servers, **Fetching** details of servers and **Listing** the servers.  
**Backup details** of the servers are also fetched and deleted when the server is decommissioned. Using **python script** and **AWS-Auth**
- TIC-TALK :AI -English tutoring system**   
Frontend and Backend Developer  
Developed Tic-Talk, an **AI-enabled English tutoring system** using **Python-Django**, **Groq API**, and **LLaMA model**, designed for **real-time grammar correction**, **body posture detection**, and **speech fluency improvement**. It features **interview simulation sessions** to **analyze user gestures** and **speaking skills**, providing **personalized feedback**, along with **random word/idiom generators** for **natural, interactive learning experiences**.

### Campus Guide

*Developer and Designer*

Developed an **AR-based indoor navigation system** designed for guiding users through the college campus using immersive 3D visualizations. Integrated **Unity** and **Google ARCore** for real-time environment tracking and surface detection. Implemented **NavMesh** for pathfinding and used **QR code-based localization** for precise indoor positioning. Enhanced user experience with intuitive UI and dynamic AR overlays built on **3D models** created using **Blender**. Real-time route optimization was achieved using the **A algorithm**\*.

### Arookie.in

*Backend Developer*

Designed and implemented a website for startup company Arookie, streamlining the works and activities we have done for past few years, resulting in improved efficiency and transparency.

### Whatsapp-chat box

*Backend Developer*

Developed a robust and efficient whatsapp-chatbox System utilizing reactJs and Next Js technology, designed to streamline and helps to text to the number without saving number on before.

## ORGANIZATIONS

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**IEEE Membership ( Membership No:98531701)**

*vice chair*

**IEDC Member**

## REFERENCES

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**Nighila Ashok**, *HOD,,* Universal Engineering College

996156603

**Sneha shyam**, *Mentor,* Universal Engineering College

6235445709