

# RAHEEM QUDUS

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Portfolio: Qudmeet AI

## RESEARCH INTEREST

# Artificial Intelligence

## Life Science and Integration

# Central Model Technologies

## Integration of AI in different Sector

Open to different availability

## EDUCATION

**Bsc**    Gitam University – Andhra Pradesh. India

2020 - May 2023

## Computer Application

## First Class

Thesis: Job Compete Penetration Portal an Automation resolution procedural approach to placement algorithm sorting and enhance candidateship selection of Gitam University Career Guidance.

Supervisor: Ass Professor MS.Y Niharika

**BSc** University of Ilorin – Kwara State. Nigeria

2014 - August 2018

Second class upper division

Thesis: Discovery of Measuring Station connectivity bridge default as a failure of excess error in Wincor Nixdorf 2050Xe ATM (Automated Teller Machine) module dispenser and resolution.

Advisor: Dr David Oluwole

## RESEARCH EXPERIENCE

## Research Interns – Hybrid

2023 - Present

Industrial Software Production Engineer and AI Laboratories, Innopolis University,  
Russia

## NFTs (Non-Fungible Tokens) in Games: An analysis of the current landscape and future possibilities.

Supervisor: Professor Hamna Aslam, Hamza Salem

- Performed blockchain based-based approach on digital games
- Exposed to parameters of Artificial intelligent integrations
- Performed fast cloning for gene construct and complementation of models

## Undergraduate Research Project

Gitam University, India

2023

## Job Compete Penetration Portal

Guidance: Professor Dr Uma Devi T. Ass Professor MS. Y Niharika

- Streamlined the recruitment process by automating job postings and candidate screening for improved efficiency.
- Designed and implemented innovative features such as a resume builder and skill assessment tools to enhance user experience.
- Conducted a comprehensive analysis of job search challenges, leading to the development of the “job compete penetration Portal”.

### **Contributed (Fellow Student Research Prohect)**

Gitam University, AP. India

2022

Study of the Development of Leightweight and Secure IOT Device Management Framework. By: Faith E.O

Supervisor: S. Padma

## **WORK EXPERIENCE**

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### **Software Engineer (Chief Technical Officer)**

2023-Current

[Edygrad Private Ltd](#)

Responsibility:

- Designed and planned product development solutions, ensuring performance, security, and scalability for diverse projects.
- Oversee the design, development, and deployment of project, while I Implement the client credentials grant type and limit access using oAuth 2.0 scopes in, along with implementation of Drupal developer portal with API.
- Research and Development: Focus abreast of emerging technologies and trends in the educational technology.
- Build a scalable and innovative platform, delivering exceptional user experiences and driving continuous growth and expansion using AI, Edge Runtime, and RAG drive innovation.

### **Senior Software Developer (Part-time)**

2022 - Present

[Bdnaturetech](#) – co-founder

Responsibility:

- Developed a fast performance and seamless navigation application using Next.js and Provides secure authentication processes with Clerk Auth.
- Worked on optimizes data processing for AI workloads using PineoneDB, and also use Langchain to enhances text analysis and generation, while I utilize the OpenAI to provides state-of-the-art AI capabilities of the application.
- I used Drizzle ORM + NeonDB to manages data efficiently for scalability, also utilized the AWS S3 to offers scalable and reliable data storage.
- I worked on integration of Stripe in the application to facilitates secure and seamless payment processing

### **Junior Technical Developer (Internship)**

Oct 2022-Feb 2023

[Elakk Technologies](#)

## HONOURS AND AWARDS ACHIEVEMENT

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<b>Nigeria Data Protection Commission, Grant</b> Responsible Data Management Cohort 1	2024
<b>Young Achiever Exceptional Performance Award</b> Awarded by Gitam University Career Guidance Council	2023
<b>Leadership Skill Attestation Award Certification</b> Awarded by the Directorate of Student life. Visakhapatnam	2023
<b>Advance Africa Scholarship Grant</b> Programming for Data Science Certification Scholarship, awarded by Udeemy   Access Bank of Nigeria.	2021
<b>Merit Scholarship Award – Study In India (SII)</b> Awarded by Ministry of Education India Scholarship worth 10,500USD based on outstanding performance in the SAT examination and Academic record.	2020
<b>Promotion Award</b> Awarded by Ark Technologies Group – Nigeria, based on outstanding performance on duties.	2019

## CERTIFICATIONS

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Google Project Management: Professional Certificate	2023
UI UX Bootcamp Designex (CSI)	2022
AWS Cloud Practitioner Essentials	2021
Microsoft Certified Trainer (MCT)	2021
Introduction to TCP/IP (YONSEI UNIVERSITY)	2021
Data Science and Analytics	2021
Customer Support Data Analysis (COURSERA)	2021
Mobile Application Development (ACM)	2020

## TEACHING EXPERIENCE AND INVITED LECTURES

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<b>Visakha Institute of Engineering and Technology</b> Conducted Cross-Platform Application Development 14 days workshop	Feb 2024
<b>Tech Mahindra.</b> Conducted AI Development Bootcamp	Dec - 2023
<b>Triluxo (Brainlox) Technologies.</b> Python Programming Language Instructor Utter Pradesh India (Remotely)	July – sept 2021

## SKILLS

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### ***Soft Skill***

- Research and Project Development, Project Management
- Leadership and Team work, Product Development and Upscilling
- Problem solving skills, Business Intelligent
- Teaching and Mentorship, Time Management
- Excellent Communication, Analytic Skills

### ***Technical Skill***

- **Front End:** HTML, CSS, JavaScript, SASS, SCSS, LESS, React, Angular, jQuery Bootstrap, REST, GraphQL, AJAX/API, Responsive Design, WC3, flutter, Laravel, wordpress, Tailwind css, Framer
- **Back End/Programming:** python, Java, NodeJS, PHP, Express, IIS, C#, Webhooks, Dart, C++, typescript
- **Database:** NoSQL Apache, SQL, PostgrwSQL, Firebase, PineonDB, Mongoddb, MySQL
- **Platforms:** Amazon AWS, Linux, .NET Windows, Cloud, Automation, Firebase, Microsoft Azure, API, Vercel ,VPS, Docker, Kubernetes
- **Frameworks:** WordPress, Joomla, PrestaShop, Shopify, Stripe, PayPal, GitHub, NextJs
- **Management:** Google Analytics, Adwords, Facebook Ads, Web Masters, etc
- **AI Tech Stack**
- **Platforms:** PineoneDB, Langchain, OpenAI, Vercel AI Sdk,
- **UX and UI Designer**
- **Platforms:** Adobe Photoshop, Sketch, Figma, Canva, Flutter wave
- **UI:** Website Mock-ups, App Mock-ups, Infographics, Stylesheets, Logos
- **UX:** Wireframing, Workflow Diagrams, Technical Specifications
- **Robust Tech Stack**
- **Microsoft Office:** Word, Excel, PowerPoint
- **Testing:** Manual Testing, UAT, Performance Testing, Regression and End-to-end testing
- **CI/CD:** GIT, GITHUB actions, Jenkins
- **Scripting Language:** Bash, PowerShell, Yaml, Json

## PROFESSIONAL AFFILIATIONS / VOLUNTEER SERVICE

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**Gitam University**  
President - Gitam International Student Association

2022-2023

**Union Bank of India**  
Vigilant Awareness Week

2021

**PROFESSIONAL SERVICE**

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**Peer-Reviewed Articles for:**

- Blockchain Research
- AI and Large Language Model

**LANGUAGES**

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**English:** Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing.

**Telugu:** Basic levels in Listening.

**OTHERS**

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Mentoring students on career paths and public speaking

Sport of expertise: Badminton, Table Tennis, Swimming

**Employment History****Software Engineer (Chief Technical Officer)****2023 Jul –****Current****Edygrad Private Ltd. Link**

- Designed and planned product development solutions, ensuring performance, security, and scalability for diverse projects.
- Implement the client credentials grant type and limit access using OAuth 2.0 scopes in, along with implementation of Drupal developer portal with APIgee.
- Implemented DevOps practices in Cross-Platform development using CI/CD pipelines to automate the build and integrated Git with Azure Repos.
- Led the team in providing adequate software quality assurance by designing test cases, thoroughly executing test scenarios reporting bugs on all Clients' products to increase delivery time by 40%.
- I Implemented Cross-platform application views data context Postman as it API development endpoint HTTP request and responses handlers, and handling both Token-Based and SPA authentication using Sanctum

**Senior Software Developer (Part-time)****2021 –****Current****Bdnaturetech – Lagos – Nigeria**

- Build a scalable and innovative platform, delivering exceptional user experiences and driving continuous growth and expansion using AI, Edge Runtime, and RAG drive innovation.
- Developed a fast performance and seamless navigation application using Next.js and Provides secure authentication processes with Clerk Auth.
- Worked on optimizes data processing for AI workloads using PineoneDB, and also use Langchain to enhances text analysis and generation, while I utilize the OpenAI to provides state-of-the-art AI capabilities of the application.
- I used Drizzle ORM + NeonDB to manages data efficiently for scalability, also utilized the AWS S3 to offers scalable and reliable data storage.
- I worked on integration of Stripe in the application to facilitates secure and seamless payment processing.

**Junior Technical Developer****Oct 2022 – Feb****2023****Elakk Technologies. Hyderabad - India**

- Designed RESTful API endpoints using best practices for resource naming HTTP methods and implementing CRUD functionality to ensure data integration and security.
- Exposure to unit testing of applications using the Junit framework and understanding of writing and executing test cases.
- I achieved a matched skill of sensitive Data and adding XML support, this also help us in view of Mashing the client application Traffic and caching.
- Effective collaboration actively engaging with the front-end developers, ensured a cohesive integration between the API's functionality and the user interface.
- Trained and guide interns of 10 teams on web application development.

**Python Programming Language Instructor (Internship)  
2021**

**July 2021 – Sep**

**Triluxo (Brainlox) Technologies. Utter Pradesh - India**

- Assumed Teaching responsibility and guided a diverse group of 30 students at the intermediate level of programming language
- Design presentation and Training curriculum
- Provided a design guidance to students for various deployable projects showcasing desktop user interface development, database management, and machine learning. This involves utilizing frameworks like PyQt, employing database solutions such as SQLite, and implementing machine learning functionalities with TensorFlow, among other relevant tools and frameworks.

**ATM Software Technical Engineer  
2020**

**2018 –**

**Ark Technologies Group. Lagos - Nigeria**

- Provided technical support to customers, clients, and internal teams, via phone, email, or in-person.
- Installed and configured the IIS web server on Microsoft Windows 2012, 2012R2 and 2016 servers.
- Used Microsoft identifiers platform to integrate user's authentication in system application with MSAL.js
- Deployed and managed various file server's backup servers and active directories for easy data administration and accessibility.
- Conducted an FLM (First Level Maintenance) usage of ATM modules training to bank staff before deployment.
- Wrote a clean and upscaling code to implement client's needs.

**Achievements:**

- **2023 - Young Achiever Exceptional Performance Award** – Awarded by *Gitam University Career Guidance Council*, for completion of 4 internships and achievement of Extracurricular activities in the academy year 2021-2023
- **2022/23 - Leadership Skills Attestation Award** – Awarded by the Directorate of Student Life Visakhapatnam for representing Gitam University international students (over 500+ students) as they elected President for the academy year 2022/2023,
  - Also organized more than 18+ events with my Teammates for internal and external social activities.
- **2021 – Advance Africa Scholarship Grant** – Programming for Data Science Certification Course Scholarship, awarded by Udemy | Access Bank of Nigeria.
- **2020 - Merit Scholarship Award** Winning the SII (Study In India) 2020 scholarship award worth 10,500 USD, Under the Ministry of Education India, based on Outstanding performance in the SAT examination and Academy records.
- **2019 – Promotion Award** – Awarded by Ark Technologies Group – Nigeria, from an Assistant Trainee Analysis to Trainee Analysis in the Company.
- **2020 – Advance Promotion Award** – Award based on outstanding performance, and dedication to duties, awarded by Ark Technologies Group.

**Volunteer Services:**

**Qudus. R**

- **Vigilance Awareness Week** – workshop organized by Union Bank of India on the cyber risk involved in the Electronic Transaction process.
- **Cross – Platform mobile application development workshop-I** Tutored around 70+ Visakha Engineering college students on application development, using Flutter and Firebase.
- **Minister of Education (Study in India)** – Best photoshoot of the month recognition.
- **Leadership:** President and representative of Gitam University international Students for academy year 2022/2023

**Research and Publication:**

- **Raheem, Q.O., Y. Niharika.** (2023)  
*Job Compete Penetrating Portal, Automation Procedural way of solving challenges faced by international students during different campus drives coordinated in Gitam University, by the GCGC (Gitam Career Guardian Council).* - DOI: 10.13140/RG.2.2.25123.22568
- Contributed **Faith E.O., S. Padma, Raheem., Q.O** (2022)  
*Study of the Development of Lightweight and Secure IOT Device Management Framework-* ISSN: 2454-132x
- *Discovery of Measuring Station flex connectivity bridge default, as a failure of excess error in Wincor Nixdorf 2050Xe ATM (Automated Teller Machine) dispenser module and how to fix it.* (2019)