Ayishath Nahda Abdul Razak

LinkedIn | Github |Portfolio

TECHNICAL SKILLS

Languages: Python (Advanced), Java (Intermediate), C++ (Basic)
Frontend: React.js, HTML5, CSS, Vite, TailwindCSS,Next.js
Backend: Node.js, Express.js, Mongoose
Databases: MongoDB,Postgres
Tools / Frameworks / Libraries / Version Control /Operating Systems /API Technologies: Git, GitHub, GitHub Actions (CI/CD), Netlify,Vercel JSON Web Tokens, Bcrypt, Figma (UI/UX), Bruno, RESTAPI Development & Integration, Dotenv, MongoDB Atlas, Middleware Implementation, Render,Docker.

PERSONAL STATEMENT

Full-stack web developer specializing in the **MERN stack** (MongoDB, Express.js, React.js, Node.js) with expertise in secure API development, authentication, and responsive UI design. Seeking an internship to apply full-stack expertise in building scalable, user-friendly applications.

PROJECTS

EchoEase | Github Repo Link | Live Demo   Apr 2025 – Jun 2025
- Built and deployed a full-stack **MERN platform for speech therapists** (*React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, YouTube Data API*) on *Netlify & Render*, delivering age- and condition-specific therapy goals, activities, and AI-powered YouTube video recommendations.
- Presented to **10+ peers and 5+ audiology** students, receiving **90% positive feedback** on usability.
- Improved efficiency **by 60%** through centralized resources, automated recommendations, and optimized MongoDB queries (40%), achieving **<500ms API response times.**

E-Commerce Website | Github Repo Link   Jan 2025-Apr 2025
- Developed a **full-stack e-commerce platform** with secure authentication and distinct role-based dashboards for Admins and Customers.
- Integrated **PayPal payment gateway**, ensuring **0% transaction errors** in testing.
- Enhanced product search and filtering to cut lookup time by **~60%** while ensuring **real-time inventory synchronization.**

StudyBuddy-AI | Github Repo Link | Live Demo   Aug 2025-Ongoing
- Developed a **GenAI-powered learning assistant** that generates personalized study notes, quizzes (MCQs), and step-by-step explanations using *JavaScript, React.js, and Node.js.*
- Implemented advanced prompt engineering (*zero-shot, one-shot, multi-shot, chain-of-thought*) with structured JSON output for seamless UI integration of flashcards and quizzes.
- **Applied Retrieval-Augmented Generation (RAG)** to improve factual accuracy by dynamically fetching content from textbooks, notes, and Wikipedia for user queries.
- Enhanced learning efficiency and engagement by providing instant, topic- and difficulty-specific content, improving study throughput by **~50**% in testing.

CERTIFICATES

- Deloitte Australia - Data Analytics Job Simulation
- Docker Basics for DevOps
- React Foundations for Next.js
- Next.js App Router Fundamentals
- Foundations of User Experience (UX) Design
- Google Data Analysis with Python

EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)   2024-28

Campus: Alliance University, Bengaluru | Bachelor's enrollment: B.Tech,Alliance University.

ACHIEVEMENTS & EXTRACURRICULARS

- **Technical Contributions:**
  - **DreamWeave –** Personalized Dream Journal Platform. **[PR Link]**
- Campus Engagement & Leadership:
  - Led Kalvium campus events (Diwali Celebrations & Reel-Making Competition) with **50+attendees. [**Link || Certificate Link**]**
- **Personal Interests :**

- **Videography&Content Creation** – [YouTube channel](#) with **3.5K+** subscribers & **100+** videos.