ADHWAITH A S

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PERSONAL DETAILS

GitHub: https://github.com/adhwaithas

LinkedIn: https://linkedin.com/in/adhwaithas

EDUCATION

Marian Engineering College, Trivandrum   2025-2029

PROJECTS

1. **DocMizer All-in-One Office Essentials Tool (Next.js, Web Assembly, Node.js, Express, Bootstrap, CSS)**

   • Built a privacy-first tool suite with complete offline processing.

   • Implemented a unique and innovative compression technology.

   • Designed scalable architecture to support more utilities.

2. **Mine Verse Crypto Mining Simulator App (React Native, Express, Expo)**

   • Developed game logic and crypto-linked reward system.

   • Designed UI/UX flows and backend logic for progression.

3. **Slide Sniffer Image Search & Slideshow App (Next.js, Express.js, Node.js, MongoDB)**

   • Built image viewer with search, zoom, rotate, autoplay, Fullscreen.

4. **OneBurn One-Time Password Vault & Burn Links (Express.js, Node.js, crypto, uuid, Redis)**

   • Secure text sharing software with encrypted, burn-after-read sharing.

5. **NEET MARK CALC (Python, OpenCV, Fast API, NumPy, NextJS)**

   • One and only NEET mark calculator website

   • OMR mark calculation with answer key.

6. **PeriodicTable.IN – Interactive periodic table (Next.js, Express.js, Node.js, MongoDB, Bootstrap, CSS)**

   • An interactive and educational periodic table website displaying element data.

7. **GENECRYPT - Genetic data obfuscation tool (Python, Hashlib)**

   • DNA-style encoder for text and files using reversible, secure transformation with a numeric key. Fun, creative, and in beta.

8. **Puddle Cast (Next.js, Tailwind CSS, Open-Meteo API)**

   • A minimal and beautiful weather app with location-based forecasting.

9. **Portfolio Website (NEXTJS, Bootstrap)**

   • Professional portfolio website created using nextjs

TECHNICAL SKILLS

Frontend: ReactJS, Html, CSS, Bootstrap, Material Design, Next.js, Tailwind CSS, JavaScript, WordPress, Chakra UI

Backend: Node.js, Express, Flask, Python Databases: PostgreSQL, MongoDB, NoSQL, Firebase, Supabase, Django, Fast API

Cloud & DevOps: AWS, Docker, Linux, Render, Vercel, Heroku, Jenkins, Cloudflare, Redis, Postgress,

Security: Kali Linux, Pen testing, Ethical Hacking, CTF Participant

Other: Web Assembly, Python, REST APIs, Git, Arduino, IOT, Raspberry Pi, Bash, C++, PowerShell, JWT, GIMP, Postman, Selenium, GitHub, Figma, Bun, NPM, Nginx, Markdown, Bun, WSL, VM,Numpy, OpenCV

Mobile: React Native, Kotlin, Flutter, Expo

STRENGTHS

- Good critical thinking skills
- Effective communication and teamwork
- Adaptive person and initiative-taking

LANGUAGES

- Malayalam
- English
- Hindi