Ryan Elijah Mathew

Multidisciplinary Tech Professional | Cybersecurity | Web Dev | AI

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SUMMARY

Cybersecurity enthusiast and full-stack developer with hands-on experience building secure web applications and deploying AI-driven solutions. Proven track record in developing scalable systems using Python, Next.js, and MySQL, and conducting vulnerability assessments with tools. Successfully led multiple academic and personal projects, including a disease prediction app with 96% accuracy and a secure data-hiding system using steganography. Passionate about blending security, innovation, and functionality to deliver impactful tech solutions.

EXPERIENCE

Cloud Computing Intern — Jan '25
EduSkills Foundation — remote
- Gained hands-on experience in **AWS cloud technologies** through a 10-week virtual internship by EduSkills and AICTE in collaboration with AWS Academy.

Cyber Security Intern — Oct '24
EduSkills Foundation — remote
- Completed a cybersecurity internship from EduSkill in collaboration with **Palo Alto Networks**.
  Gained practical knowledge in network security, threat prevention, and cybersecurity fundamentals, with a focus on hands-on learning using industry-standard tools and techniques.

Cyber Security & Ethical Hacking Intern — Dec '24
Innovate Intern — remote
- Through their **SentinelShield project**, I gained hands-on experience in building a cybersecurity framework from scratch—combining real-time threat detection with a sleek, React-powered interface, proving that security can be both smart and seamless.

AI Intern — Jan '25
Edunet Foundation — remote
- Selected for the AICTE Internship on AI: Transformative Learning under the **TechSaksham initiative by Microsoft and SAP**, organized by Edunet Foundation.
  Gained hands-on experience in AI technologies, focusing on innovative applications and transformative learning methods.

Cyber Security Intern — Jan '25
Edunet Foundation — remote
- Completed my internship under the Edunet Foundation through the **IBM SkillsBuild Program** on Cyber Security. Developing in-demand skills in cybersecurity to enhance employability and expertise, with hands-on learning focused on threat analysis, risk management, and securing digital systems.

EDUCATION

Bachelor of Technology -Computer Science Engineering specilization Cyber Security, S.R.M Institute of Science and Technology (GPA: 8.05) — Aug '23 — Present, Chennai, India
- Throughout my time in college, I actively participated in a variety of extracurricular activities that helped shape me both personally and professionally. I was involved in organizing tech fests and student-led events, where I coordinated teams, managed timelines, and ensured smooth execution—strengthening my leadership and communication skills. I also took part in public speaking sessions, group discussions, and campus clubs that encouraged creativity, critical thinking, and collaboration. Balancing academics with these activities taught me how to manage time effectively, work with diverse teams, and adapt quickly—qualities that have been invaluable in every project I take on.

High School Graduate, Believers Church Residential School (GPA: 8.3) — May '21 — May '23, Thiruvalla , India
- During my school years, I was actively involved in sports and various extracurricular activities that helped build my discipline, teamwork, and leadership abilities. I participated in inter-school competitions for football and athletics, where I learned the importance of resilience, strategic thinking, and working towards a common goal. I also engaged in cultural events, debates, and house activities, which boosted my confidence, communication skills, and stage presence. These early experiences taught me how to handle pressure, stay focused, and maintain a positive mindset—traits that continue to support me in my academic and professional journey.

CERTIFICATIONS

Google Cybersecurity Certificate, Coursera

AWS Academy Cloud Architecting, AWS Academy Graduate

Goldman Sachs - Software Engineering Job Simulation, Forage

PROJECTS

Acad-Link Link
- AcadLink is a comprehensive, web-based academic management platform built to modernize and streamline administrative operations in educational institutions. Designed for students, faculty, and administrators, it offers features like course tracking, exam scheduling, fee and leave management, library and hostel systems and more.

Detection-of-Diseases Link
- An AI-powered Disease Prediction App that assesses risk for Heart Disease, Diabetes, and Parkinson's Disease using machine learning models.

Secure Data Hiding in Images Using Steganography Link
- This project implements image steganography to securely hide sensitive data within images. It enhances confidentiality by embedding encrypted data inside images using Python.

SentinelShield - Advanced Cybersecurity Dashboard Link
- SentinelShield is a modern, AI-powered cybersecurity dashboard that provides real-time threat monitoring, vulnerability tracking, and intelligent security insights. Built with React and TypeScript, it offers a comprehensive view of your organization's security posture.

DeepSeek Clone Link
- A full-stack AI-powered search assistant that replicates DeepSeek's functionality, combining a sleek Next.js frontend with a Node.js backend and OpenAI integration for intelligent, context-aware search responses.

SKILLS

Top Skills   Communication, Team building, Network Security, Full Stack Development, AI Models
Languages   English, Hindi, Malayalam, Nepali

VOLUNTEERING

Committee Head, Aaruush, SRM — May '25 — Present
Technical Intern, CINTEL's Next-Gen AI — Aug '23