

RIYANA A AKSHETHA

LinkedIn: www.linkedin.com/in/riyana-a-akshetha
Portfolio: https://riyanaakshetha.netlify.app/

CONTACT

+91 7598403168
akshethariyana@gmail.com
https://github.com/RiyaAkshe

EDUCATION

B.Tech in Information Technology (2022 - 2026)
Sri Krishna College of Technology, Coimbatore
CGPA: 8.73

HSC - Computer Science (2021 - 2022)
St. Thomas Higher Secondary School,Gudalur
Score: 94.33% (Centum in CS)

SSLC (2019 - 2020)
St. Thomas English High School ICSE,Gudalur
Score: 84% (Distinction with First Class)

INTERNSHIP EXPERIENCE

AI DEVELOPER & CLOUD PRACTITIONER INTERN

AI: Transformative Learning – TechSaksham
Edunet Foundation | Microsoft & SAP | AICTE

- Acquired comprehensive knowledge of artificial intelligence concepts, including machine learning models, data analysis techniques, and AI-driven application development.
- Gained practical exposure to cloud computing platforms, focusing on deployment, scalability, and management of AI-enabled solutions in a cloud environment.
- Collaborated on real-world problem statements, applying AI tools and frameworks to design innovative, technology-driven solutions.
- Strengthened professional competencies through industry-aligned training modules, certifications, and hands-on project implementation under expert mentorship.

AI SKILLSET TRAINER & INNOVATION CATALYST

Kikani Global Academy (CBSE)

- Designed and delivered structured training sessions on artificial intelligence fundamentals, fostering conceptual clarity and technical proficiency among students.
- Guided learners in developing AI-based projects, encouraging creativity, critical thinking, and practical application of emerging technologies.
- Acted as an innovation catalyst by mentoring students in problem-solving approaches and promoting a culture of experimentation and inquiry.
- Contributed to curriculum enrichment by integrating contemporary AI tools and methodologies aligned with modern educational standards.

CYBERSECURITY TRAINEE & THREAT ANALYST

LightBulb DEfactored Programme (UK Certified)

- Developed a strong foundation in cybersecurity principles, including threat detection, risk assessment, and vulnerability analysis.
- Conducted simulated threat analysis exercises to identify potential security breaches and recommend appropriate mitigation strategies.
- Gained hands-on experience with cybersecurity tools and frameworks used for monitoring, analysis, and incident response.
- Enhanced analytical and investigative skills through structured training, case studies, and certification-aligned assessments in cybersecurity practices.

LEADERSHIP & GUEST SPEAKER ENGAGEMENTS

IGNITE WORKSHOP: CREATING NEXT-GEN LEADERS

Bosch Global Software Technologies

- Served as the Guest Speaker for the Ignite Workshop: Creating Next-Gen Leaders, hosted at Bosch Global Software Technologies.
- Delivered an expert-led address on emerging leadership paradigms, future-ready competencies, and innovation-driven professional growth.
- Provided strategic insights on leadership mindset development, adaptability, and decision-making in dynamic, technology-driven environments.
- Engaged with participants through interactive discussions, fostering leadership awareness, critical thinking, and organizational impact.

TECHNICAL SKILLS

Programming Languages:
- *Java, C++, Python, JavaScript, SQL, HTML5, CSS3*

Web & Full-Stack Development:
- *MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs, Full-Stack Web Development*

Front-End Technologies & UI Frameworks:
- *React.js, TypeScript, Tailwind CSS, Shadcn UI, Responsive Web Design*

AI / Machine Learning & Computer Vision:
- *TensorFlow, Keras, OpenCV, Convolutional Neural Networks (CNN), Deep Learning, Image Processing*

Databases & Data Tools:
- *MongoDB, SQL, Data Modeling, Power BI*

Tools & Development Platforms:
- *GitHub, VS Code, JUnit, Postman, Agile Development Practices*

Cloud & Other Technologies:
- *AWS, Dialogflow, Socket.IO, Linux*

ACHIEVEMENTS

- Walmart USA Advanced Software Engineering Virtual Program
- JPMorgan&Chase Software Engineering Lite Program
- Accenture Developer Virtual Experience
- TCS IAM Simulation
- AWS Cloud Practitioner Essentials
- Microsoft PowerBI Certification
- Career Essentials in Generative AI-Microsoft & LinkedIn
- Odoo Functional Certification
- NPTEL ELITE Certification
- EduDevs STEM Certification
- LightBulb DEfactored Cybersecurity Program(UK-Certified)
- ServiceNow Micro-Certification
- HP-LIFE DataScience & Analytics
- TCS iON CareerEdge - Young Professional Programme
- Tata Cybersecurity Analyst Simulation

TECHNICAL PROJECTS

- **Klimate – Real-Time Meteorological Intelligence System**
  Domain: Data & Web
  Technologies: APIs, JavaScript, Data Visualization, Web Development
- **EduInsight – Academic Performance Monitoring Dashboard**
  Domain: Data Analytics
  Technologies: Microsoft Power BI, Data Modeling, Analytics
- **Career Pathways – Career Guidance Platform**
  Domain: Web Application
  Technologies: React.js, JavaScript, HTML, CSS
- **Hirezy – Recruitment Management Platform**
  Domain: Web Application
  Technologies: React.js, JavaScript, HTML, CSS
- **EduQR – Smart QR Code Generator**
  Domain: Utility Application
  Technology: Python
- **FinPay – Digital Payment Web Application**
  Domain: Web Application
  Technologies: HTML, CSS, JavaScript
- **BrushCompany – Corporate Website**
  Domain: Web Development
  Technologies: HTML, CSS, JavaScript
- **MyProKidHeart – Child-Centric Web Application**
  Domain: Web Application
  Technologies: React.js, JavaScript, HTML, CSS, SCSS
- **PixelCrypt – Steganographic Message Hider**
  Domain: Cyber Security / Image Processing
  Technologies: Python, Steganography, Image Processing
- **Potato Disease Classification – CNN Based System**
  Domain: Machine Learning / Computer Vision
  Technologies: Python, CNN, Deep Learning, Image Processing
- **NodeChat – Real-Time Chat Application**
  Domain: Web Application
  Technologies: Node.js, React.js, JavaScript, Socket.io
- **TaskMate – To-Do List Web Application**
  Domain: Utility Web Application
  Technologies: HTML, CSS, JavaScript
- **WanderLuxe – Premier Travel Experience Gateway**
  Domain: Web Development
  Technologies: HTML, CSS, JavaScript, Web Development
- **Bibliophile – Innovative Online Bookstore**
  Domain: Web Development
  Technologies: HTML, CSS, JavaScript, Web Development
- **IoT-Integrated Escalator Energy Generation System**
  Domain: Internet of Things (IoT) / Renewable Energy / Smart Infrastructure
  Technologies: Embedded Systems, IoT Sensors