Sowndariya K

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EDUCATION

Knowledge Institute of Technology   Salem, TN
B.Tech Information Technology , CGPA : 9.038(up to V semester)   *May 2022 – May 2026*

EXPERIENCE

Web Developer Intern   July 2024 – Jan 2025
Creating Concepts & Developing Designs   *Remote*

- Built and launched a modern responsive website zekesys.com using frontend technologies.
- Improved load speed and performance by 60% through layout optimization and asset compression.
- Completed end-to-end deployment and earned a verified experience certificate for successful delivery.

Frontend Developer Intern   Jun 2023 – Jul 2023
Nigsoft Pvt Ltd   *Salem, TN*

- Learned and applied basic HTML, CSS, and JavaScript to build simple, responsive web pages.
- Practiced creating clean UI layouts and forms for internal learning projects.
- Gained exposure to frontend debugging, code organization, and basic version control using Git.

PROJECTS

LogAlert | *AWS Lambda, CloudWatch Logs Insights, SNS, IAM, Python* | GitHub   June 2025

- Built an automated log monitoring system using Cloudwatch logs Insights and Lambda to detect error patterns in real time.
- Triggered SNS alerts for ERROR and 5xx logs by scheduling Lambda queries every 5 minutes.
- Configured secure IAM roles to ensure least-privilege access for log analysis and notification handling.

Zekesys | *HTML5, CSS3, JavaScript, Responsive design* | GitHub   July 2024 – Jan 2025

- Designed and deployed the official company website **zekesys.com** using modern frontend technologies
- Boosted site performance by 60% through asset optimization and mobile-first layout strategies.
- Conducted cross-browser testing strategies to ensure 100% compatibility and accessibility.

TECHNICAL SKILLS

Languages: C, Java
Web Development: HTML5, CSS3, Javascript, React.js, Node.js, MongoDB
Developer Tools: Git, GitHub Actions, Figma, AWS, VS Code
Cloud & DevOps: AWS (Cloud Practitioner), EC2, S3, SNS, CloudFormation

ACHIEVEMENTS

Awards

- Academic Topper – 2024
- Achievers Day Award – 2024, 2025

Publication

- IEEE Xplore: "Blockchain Technology in Secure Voting Systems: Enhancing Transparency and Trust"

Hackathon Achievements

- Won **1st Place** in Web3 & Blockchain track at **Ease The Error Hackathon 5.0**, Sri Venkateshwara College.
- Secured **3rd Place** in **Appathon**, Sona College of Technology.
- Achieved **3rd Place** in **ISTE Hackathon**, Adhiyamman College of Engineering.

Responsibilities

Students' Representative

Class committee member

Certifications

AWS Cloud Partitioner Essential	2025
Joy of Computing Using Python – NPTEL	Elite + Silver
Problem Solving through C – NPTEL	Elite
Natural Language Processing – NPTEL	Completion
Ethical Hacking – NPTEL	Elite
Introduction to MongoDB (MongoDB University)	2024