LOKESWARI K

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Objective

Dynamic developer with 2+ years of expertise in C#, .NET, and Angular, delivering innovative solutions to complex challenges. Committed to contributing technical expertise to impactful projects.

Professional summary

- **Experienced Developer & QA Engineer** with 2+ years at CDAC, specializing in C#, .NET, and Angular.
- **Proficient in Software Testing:** Expertise in unit, regression, and integration testing, ensuring quality and performance at every stage.
- **R&D Enthusiast:** Passionate about driving innovation and solving complex challenges in software development.
- **Skilled in Software Optimization:** Ensuring the seamless performance and reliability of high-quality systems.
- **Tech Advocate:** Focused on advancing software solutions and contributing to the growth of technology.

Work Experience

Project Engineer - Cyber Forensics Section
CDAC (Centre for Development of Advanced Computing), Trivandrum
Feb 2023 – Present

- Over 2 years of experience in C# and .NET, with 6 months in Angular.
- Developed forensic tools (WinLift, Web Investigator) with modules like Timeline Analysis, UserAssist, BAMand Event Logs.
- Conducted ransomware research and built an early prediction solution.
- Developing a fintech forensics web app in Angular for fraud prediction.
- Executed unit, regression, and integration testing to ensure quality.

Professional Skills

- **Programming Languages:** C#, C++, Python, SQL, HTML, CSS
- **Frameworks & Libraries:** Angular, .NET
- **Testing Expertise:** Unit Testing, Regression Testing, Integration Testing, Test Case Design, Test Execution
- **Tools:** Visual Studio, VS code
- **Specializations:** Cyber Forensics, Web Development, Machine Learning, Artificial Intelligence, End-to-End Manual Testing
- **Methodologies:** Agile

Educational Qualification

2022 | Kamaraj college of engineering and technology.
B.E (computer science engineering)
86.6 %

2018 | Cambridge matriculation school
HSC
90.3%

2016 | P.L.W.A.Hr.Sec school
SSLC
94.6%

Certifications & Accomplishments

- **STRATAGEM | Multi-stakeholder consultation program**

  Contributed to the STRATAGEM initiative, a multi-stakeholder consultation program organized by the Ministry of Electronics & Information Technology (MeitY), Government of India, on November 16, 2023. Played an integral role in unveiling the "Cyber Forensics R&D Roadmap of India," fostering collaboration and innovation in the field.

- **Design Pattern Workshop | CDAC**

  Completed a 3-day Design Pattern workshop at CDAC, focusing on the development of standardized coding practices to enhance proficiency and efficiency in software development.

- **C# Complete Master Course | Udemy**

   Successfully completed an extensive C# Complete Master Course on Udemy, showcasing comprehensive proficiency across diverse topics in C# programming.

- **Angular-17 Course | Inventateq Software Training Institute**

  Augmented front-end web development skills through completion of an Angular course at Inventateq Software Training Institute, refining expertise in dynamic and responsive web design.

- **Cybersecurity: Detect and Prevent Malware Course | Udemy**

  Acquired advanced knowledge and techniques in malware detection and prevention through successful completion of a dedicated course on Udemy.

- **Master in Artificial Intelligence | NoviTech**

   Completed an intensive one-month program with a focus on advanced Artificial Intelligence topics, including in-depth study of machine learning algorithms, neural network architectures, Computer Vision and practical AI applications.