

SUMMARY

An experienced IT professional with **3 years** and **9 months** of experience in full SDLC, specializing in **C#, .NET Core, VB.NET, React, JavaScript, SQL, MongoDB, Web API, .NET Framework, Git, and Agile Methodology**. Currently a software engineer at Ginger Webs Pvt Ltd, adept at developing, implementing, and troubleshooting software solutions.

WORK EXPERIENCE

GingerWebs Pvt. Ltd | [Link](#) |

May 2021 – Feb 2025

Present **Software Engineer** - Research and Development Dept.

VERIFICARE [C#, VB.NET, WPF, .NET 4.7, Entity Framework 6, SQL Server, File System, Azure]

- Optimized OMR sheet scanning, improving processing speed by **80%**, establishing a market benchmark of **300 sheets/minute**, and reducing manual intervention by **40%**.
- Implemented advanced algorithms for four-corner and reference-less OMR sheet reading, enhancing usability by **60%** and increasing client acquisition by **25%**.
- Integrated ICR reading with more than **95%** accuracy, boosting client acquisition by **30%**.

OMRREADER [.NET 6, MVC, C#, ASP.NET, Web API, SQL Server]

- Built an online OMR processing platform, processing over **1 million sheets** annually, reduced operational time by **40%** and user error rates by **20%**.
- Enabled master template selection and automated report generation, increasing customer satisfaction scores by **30%** and driving a **15%** increase in client retention.

ICAI Result Generation [.NET Framework 4.6, Entity framework, MVC, C#, ASP.NET, Web API, SQL Server]

- Developed a robust result generation tool tailored to client-specific requirements, leveraging Crystal Reports for dynamic and accurate result formatting.
- Processed results for over **100,000 candidates annually**, reducing generation time by **30%** and minimizing manual intervention by **70%**.

SECURE BROWSER [C#, .NET 4.7, WinForms, File System, AWS Services (Lambda, S3 Bucket)]

- Engineered a secure, proctored environment for remote assessments, locking the system in kiosk mode, adopted by over **50,000 users** annually.
- Designed and integrated an AI-based API, increasing candidate monitoring efficiency by **60%**, reducing operational costs by **75%**, and enhancing exam security compliance by **90%**.

AI API [.NET 5, Web API, AWS (Lambda, S3 Bucket)]

- Developed an AI-powered motion detection and face recognition API, replacing third-party services, cutting costs by **75%**, and reducing dependency downtime by **50%**.
- Achieved **99.9%** accuracy in motion and face detection, monitoring over **10,000 candidates** monthly and ensuring compliance with stringent proctoring standards.

TECHNICAL SKILLS

Programming Skills: C#, VB.NET, JavaScript, SQL, OOPs

Frontend Technologies: React, HTML, CSS, Bootstrap, XML, WPF, WinForms

Backend Technologies: .NET Core, ASP.NET, Web API, Entity Framework, ADO.NET

Databases & Cloud: SQL Server, MySQL, MongoDB, AWS (Lambda, S3, EC2), Azure (App Service, Storage Service)

Version Control & Tools: Git, GitHub, GitLab

ACHIEVEMENTS

Received multiple praises through-out the tenure, EOM, Spot Awards, Team Player etc | [Link](#) |

Employee of the Month | [Link](#) |

31st March 2023

Spot Awards | [Link](#) |

EDUCATION

Krishna Institute Of Engineering & Technology, AKTU

2013 – 2017

B.Tech (Computer Science)