

Udhaya Kumar K

8695948007

udyilangovan@gmail.com

No 1635 A Nano Villa, Royappa Nagar, Varadharajapuram, Mudichur, Chennai - 600048

Professional Summary

Senior Software Engineer with 7+ years of experience in designing, developing, and maintaining enterprise-level applications. Expertise in .NET technologies, full-stack development, and building scalable solutions using modern frameworks such as Angular and React. Strong experience in backend API development, database design, and performance optimization.

Skills

- **Programming:** C, C++, Java, C#, Python, Ruby, TypeScript
- **Frameworks:** .NET Core, ASP.NET MVC
- **Frontend Technologies:** AngularJS, Angular, React, Bootstrap
- **Desktop Application Development:** Windows Applications, Electron.js
- **Authentication & Security:** IdentityServer
- **Web Technologies:** HTML, CSS, PHP, J2EE
- **CMS & E-commerce:** WordPress, PrestaShop
- **Database:** SQL, MySQL, PostgreSQL (PSQL), SQLite, Firebase, MS Access
- **Reporting Tools:** Crystal Reports
- **Cloud & DevOps:** AWS, Microsoft Azure
- **Version Control:** Git, GitHub, GitLab
- **AI Tools:** Cursor, Google Colab
- **Tools:** Visual Basic 6.0, Photoshop, Weka
- **Others:** MS Office, Internet Applications

Roles & Responsibilities

- Fixed bugs and resolved production issues to ensure application stability.
- Implemented enhancements based on business requirements.
- Performed performance analysis and optimization of applications and database queries.
- Collaborated with team members to support development and deployment activities.
- Provided release support, including build validation and issue resolution during deployments.

Education

- **M.Sc. Computer Science** 2017–2019
Dr. Ambedkar Arts College, Vyasarpadi
Score: 88
Rank Holder

Professional Experience

ThinkPalm Technologies - **Senior Software Engineer** Feb 2022 – Present

Project: Falcon (Survey & Task Management System)

- Designed and developed a scalable survey and task management system with task assignment and role-based access control.
- Implemented user-role mapping and workflow management for efficient task tracking and execution.
- Built dynamic reporting modules to analyze survey responses and operational data.
- Developed and integrated backend APIs with optimized database queries for high performance.

Project: SMAC (Seafarer Management System)

- Developed core modules for seafarer onboarding, vessel management, and contract relief planning.
- Implemented vessel-to-shore and shore-to-vessel data synchronization for real-time operations.
- Built survey broadcasting features across web and mobile platforms for seamless communication.
- Enhanced system performance and reliability through backend optimization and efficient data handling.

Solve Technologies Private Limited - **Software Engineer** Dec 2017 – Jan 2022

- Contributed to marine insurance product development, including policy management and claims processing.
- Developed and maintained backend services for handling insurance workflows and business logic.
- Optimized SQL queries and database performance for improved system efficiency.
- Delivered client-specific solutions for California Mutual Insurance Company and GEICO Marine Insurance.

Certifications

- Python, MS Office – Alison Academic
- Zoho Ad Manager Workshop

Declaration

I hereby declare that the information provided is true to the best of my knowledge.

Date:
Place:

Signature
(Udhaya Kumar K)