

Avinash Linga

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SUMMARY

Driven Associate Software Engineer at Infinite Computer Solutions for developing web applications. Successfully developed a comprehensive bank application using React, web API and SQL, alongside creating a Project Estimation Tool and Weather Forecaster using .NET system-based frameworks. Excelled in software development life cycle management and database design, demonstrating robust problem-solving skills and a commitment to excellence. Proficient in team collaboration and front-end frameworks.

TECHNICAL SKILLS

Programming Languages: C-Sharp, SQL, Core Java

.NET Frameworks: .NET, .NET Core, ASP.NET, ASP.NET MVC, ADO.NET, WinForms, WPF, Core WebAPI

Web Technologies: HTML, CSS, JavaScript, React.js, AngularJS

PROJECTS

Weather Forecasting Application

May 2024 – Present

Desktop Application Development

WPF

- Developed an end-to-end system for generating Weather Forecast
- Integrated APIs to retrieve real-time and forecast weather data
- Designed and implemented a user-friendly interface for visualizing weather information
- Implemented dynamic data visualization features to display weather trends and forecasts

Project Estimation Tool

Jan 2024 – May 2024

Desktop Application Development

WinForms, SQL

- Developed a user-friendly desktop application using WinForms and integrated SQL for data storage
- Designed an intuitive UI with tabbed navigation on the front page, allowing users to easily access and manage project history
- Implemented functionalities for viewing, opening, downloading, deleting, and renaming project files directly from the UI.
- Designed a tool for project estimation with configurable parameters including functional areas, software cost, productivity hours, and effort type
- Implemented a timeline graph to visualize project scope and effort allocation
- Integrated resource management for assigning personnel to each project phase and estimating associated costs
- Enabled generation of comprehensive project Estimation summary and downloadable PDF reports with graphical representations

Bank Application

Nov 2023 – Nov 2023

Web Application Development

React.js, WEBAPI, SQL

- Developed a bank application using React.js, WEBAPI, and SQL
- Integrated SQL procedures for efficient data retrieval
- Implemented role-based access control for:
 - Customers: Open loan accounts, transfer funds, make loan payments, and check transactions
 - Loan Employees: Manage customer accounts, process transactions, and view transaction histories
 - Savings Employees: Similar functionalities as loan employees
 - Managers: Oversee operations, access employee data, manage accounts including removals, and manage transactions

EXPERIENCE

Associate Software Engineer

Aug 2023 – Present

Infinite Computer Solutions

Bangalore

- Developed tool and application prototypes based on requirements, following the software development life cycle (SDLC)
- Managed teams to ensure efficient project delivery
- Highly rated for overall performance in team dynamics and project outcomes

EDUCATION

Sphoorthy Engineering College
Bachelor of Technology in Computer Science and Engineering

Hyderabad
2019 – 2023