

# ABEL C VARGHESE

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## Summary

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Motivated **MCA graduate** specializing in **front-end development** and **software engineering**. Proficient in **React.js, JavaScript, HTML5, CSS3, and Python**, with hands-on experience building dynamic web applications and machine learning models. Seeking roles as a **Front-End Developer, React.js Developer, or Software Engineer** to contribute to innovative and scalable solutions.

## Experience

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### Prodigy InfoTech

August 2024

*Web Development Intern*

- Developed and optimized web applications using **HTML, CSS, JavaScript, and React.js**.
- Built responsive, user-friendly interfaces with **cross-browser compatibility** and **mobile-first design**.
- Integrated external APIs and implemented **state management** using **React hooks** and **Context API**.
- Showcased **creativity and problem-solving skills**, exceeding performance expectations.

### Mint Melone Business Consulting Solution LLP

October 2019 – December 2020

*Data Analyst*

- Analysis of data using MS Excel, for a US client.
- Preparation of documents and reports based on client requirements.

### iROID Technologies Pvt. LTD

October 2018 – March 2019

*Java Developer Intern*

- Contributed to a chemicals management system with **Java, MySQL, and Spring MVC**.
- Developed **REST APIs** using **Spring Framework** and managed **backend services** for a database project.

## Education

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### Mar Athanasius College of Engineering, Kothamangalam

*Master of Computer Applications (MCA) | 2022 – 2024 | CGPA : 7.63*

### Mount Carmel College, Karukadom

*Bachelor of Computer Applications (BCA) | 2015 – 2018 | CGPA : 6.73*

## Projects

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### Netflix Clone Landing Page

*React.js, Sass, HTML5, Bootstrap, API Integration*

- Developed a Netflix-style landing page featuring trending movie listings fetched via external APIs.
- Implemented interactive elements such as accordion menus, pop-ups, and lazy loading for enhanced UX.
- Utilized React hooks and Context API for state management and Slick Slider for responsive carousels.

### Dynamic Weather App

*React.js, Sass, API Integration*

- Built a real-time weather application fetching data via weather APIs, with location-based features.
- Designed a responsive and user-friendly interface, implementing geolocation features using React.js.

## Personal Portfolio

*React.js, Sass, HTML5, React Router*

- Created a dynamic personal portfolio showcasing web development projects and career highlights.
- Integrated React Router for seamless navigation and API calls to dynamically update project data.

## Tic-Tac-Toe Game

*HTML5, Sass, JavaScript*

- Developed an interactive Tic-Tac-Toe game using JavaScript, implementing game logic and win conditions.
- Focused on UI design using Sass and optimized game flow for desktop and mobile devices.

## Advanced Stopwatch Web App

*HTML5, CSS3, JavaScript*

- Created a fully functional stopwatch app with start, stop, and reset capabilities.
- Styled the application using CSS3 and added animations for an engaging user experience.

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## ACADEMIC PROJECTS

### Cardiovascular Disease Prediction using ML

*Python, Flask, HTML5, CSS3, JavaScript, Google Colab, ML*

- Developed a machine learning model to predict cardiovascular diseases, using classification algorithms.
- Built a Flask backend and designed a user interface to accept and process user input for prediction.

### Car Price Prediction using ML

*Python, Flask, HTML5, CSS3, JavaScript, ML*

- Built a machine learning model for predicting car prices based on features like make, model, and year.
- Deployed the model using Flask with real-time predictions presented via a responsive web interface.

### Monochrome Chemicals

*Java, MySQL, Spring MVC*

- Developed a database management system for chemical inventory and transaction handling using Java.
- Implemented REST APIs and enhanced data security through optimized database queries.

### Online Voting System

*Java, MySQL, Spring MVC*

- Created an online voting system for secure user registrations, vote casting, and result generation.

### LIC Management System

*Java, MySQL, Spring MVC*

- Developed a management system for Life Insurance Corporation (LIC) to handle customer data, policy issuance, and premium calculations.

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## Skills

### Technical Skills

Front-End Technologies:

- HTML5, CSS3, JavaScript, React.js, Sass, Bootstrap, React Hooks, Responsive Design, React Router, API Integration, Axios, Web Optimization, DOM Manipulation

Backend Technologies:

- Python, Java, Flask, Spring Boot, REST API, MySQL, MongoDB, Machine Learning, SQL, C, C++

### Other Skills:

- Git, GitHub, VSCode, PyCharm, Eclipse, NetBeans, Google Colab, MS Excel

### Soft Skills:

- Problem-Solving, Attention to Detail, Creativity, Quick Learning, Teamwork, Communication