

# Avelin Ann Varghese

Kerala, India • avelinannvarghese@gmail.com • 7034676032 • [Portfolio](#) • [LinkedIn](#) • [Github](#).

An experienced Front-End Developer specializing in JavaScript and React JS, I bring 2.6 years of hands-on experience in crafting responsive, cross-browser-compatible, and accessible web applications.

## PROFESSIONAL EXPERIENCE

**TATA CONSULTANCY SERVICES- Front-end Developer**  
11/2020-6/2023

Kochi, Kerala

- **Developed Front-End Applications:** Created advanced front-end applications for the digital transformation team of a leading U.S.-based bank using React JS, enhancing the user experience.
- **Revamped Digital Onboarding Application:** Worked on the revamp of the bank's digital onboarding application, which won awards for digital experience and technology initiatives, resulting in increased user satisfaction.
- **State Management:** Utilized Context API and Redux Saga for efficient state management across applications, ensuring seamless data handling.
- **Form Development:** Built complex digital forms for the bank using Formik and Yup, ensuring data integrity and creating user-friendly interfaces.
- **Upgraded Application to React 18:** Led the successful migration of client application to React 18, utilizing new concurrent features and automatic batching to improve performance. Ensured seamless integration with existing codebase and third-party libraries, conducted comprehensive testing, and resolved any compatibility issues.
- **Responsive and Accessible Design:** Ensured all web experiences were responsive, cross-browser compatible, and accessible, adhering to industry standards.
- **Testing and Debugging:** Employed Jest and Enzyme for end-to-end and integration testing of components, and utilized Selenium for automation testing, significantly enhancing code reliability and performance.
- Increased overall application coverage to over 85%, including legacy code, enhancing reliability and maintainability.

**TATA CONSULTANCY SERVICES - Project Intern**  
06/2019-08/2019

Kochi, Kerala

- **Machine Learning Implementation:** Implemented neural networks for a machine-learning model to extract information from invoice documents for a logistics company, improving data processing efficiency.
- **Data Transformation Techniques:** Used data transformation techniques to develop datasets for machine learning models, enhancing the accuracy of the models.

## SKILLS

- **Languages/Core skills:** JavaScript, C++, Python, Data Structures and Algorithms, Syst
- **Libraries/Frameworks:** React, HTML, CSS, Redux, Tailwind CSS, Node.js, Express, REST API, SASS
- **Database:** MongoDB, Firebase, SQL
- **Testing/DevOps:** Jest, Enzyme, BrowserStack, Deque, Git, CI/CD

## PROJECTS

- **Diario:** A MERN stack note management app enabling users to create and save notes in various formats. [Demo](#)
- **Blabble:** A MERN stack chat application with real-time functionalities powered by Socket.IO, facilitating seamless communication. [Demo](#)
- **Blink:** A movie streaming platform developed using React JS, Tailwind CSS, and Firebase, offering a user-friendly interface and smooth streaming experience. [Demo](#)
- **Codit:** A real-time code editor created using React JS, Monaco Editor, Judge0, and Tailwind CSS, supporting collaborative coding. [Demo](#)
- **FoodiesDeli:** A food ordering platform built using React JS and Tailwind CSS, featuring a responsive design and intuitive user interface. [Demo](#)

## EDUCATION

**GOVERNMENT ENGINEERING COLLEGE, THRISSUR**  
Bachelor of Technology Electrical and Electronics Engineering

**2016-2020**  
**Kerala**