

GOBI KRISHNAN A

OBJECTIVE Accomplished Full Stack Engineer with a wealth of 12+ years in the field, adept at constructing and refining scalable applications and tools to amplify interactivity and streamline operations, ultimately propelling business expansion. Eager to embark on a career opportunity where I can serve as a cross-functional stakeholder, offering invaluable insights and skills within a vibrant and collaborative setting.

PROFESSIONAL SUMMARY **12+ years of experience** in Web/UI Development, specializing in **Full Stack Engineering, Micro Front-End Architecture, and Mobile App Development.**

Proven ability to lead cross-functional teams, manage project lifecycles, and collaborate with stakeholders to deliver high-quality solutions.

Strong expertise in designing and implementing technical architectures, including **Low-Level** and **High-Level** Design, to ensure system **scalability** and **maintainability**.

Expertise in **React, React Native, Angular, JavaScript, HTML5, CSS3, Tailwind CSS, Redux**, and **micro front-end techniques**

Extensive experience in **Agile** and **Scrum methodologies**, with a focus on driving innovation and ensuring on-time delivery.

SKILLS

Languages & Frameworks: JavaScript, ES6, HTML5, CSS3, React.js, React Native, Angular, Node.js, Redux, Redux-Saga, GraphQL, RXJS, Bootstrap, Tailwind CSS, Material UI.

Development Practices: Agile, Scrum, Test-Driven Development (TDD), Continuous Integration (CI), DevOps.

Tools & Technologies: **Version Control** - Git, GitHub, Bitbucket, SVN. **Testing** - Jest, Jasmine, Karma, Unit Testing. **CI/CD & Automation** - Jenkins, JIRA.

API & Architecture: RESTful APIs, Micro Front-End Architecture, Module Federation.
Databases: MongoDB, MySQL.

Cloud & Mobile Technologies: AWS, Firebase, Mobile Application Development (iOS, Android), React Native.

UI Design: UI Design, Responsive Design, Accessibility (WCAG).

WORK HISTORY **TECHNICAL LEAD – PHOTON INTERACTIVE PRIVATE LIMITED, BANGALORE**
May 2018 to Jan 2022

Led the development and integration of a **micro front-end architecture** to create scalable and independently deployable UI components for large applications.

Collaborated with cross-functional teams to deliver modular features for e-commerce and enterprise applications, ensuring robust performance and maintainability.

Managed code versioning and continuous integration using Git, Jenkins, and Bitbucket.

Technologies used: React.js, Redux, Node.js, MongoDB, Micro Front-End, Git, Jenkins.

TECH LEAD - AXCEND AUTOMATION & SOFTWARE SOLUTIONS, BANGALORE.

July 2017 to Feb 2018

Directed the development of business-to-consumer (B2C) and business-to-business (B2B) insurance products in collaboration with Yokogawa.

Developed user-friendly interfaces for complex workflows in the insurance domain, optimizing for accessibility and user experience.

Technologies used: React.js, Redux, Node.js, Angular, Bootstrap, CSS3, HTML5.

LEAD UI DEVELOPER – ALTIMETRIK, BANGALORE.

December 2013 to May 2017

Led UI development for key client projects, ensuring responsive design, UI/UX consistency, and cross-browser compatibility.

Implemented comprehensive unit tests and ensured accessibility compliance for all developed interfaces.

Technologies used: React.js, Angular, Redux, Bootstrap, CSS3, HTML5.

SENIOR SOFTWARE ENGINEER – PHOTON INTERACTIVE PRIVATE LIMITED, BANGALORE.

May 2010 to December 2013

Contributed to the design and development of web applications, focusing on UI implementation and integration with backend services.

Worked closely with stakeholders to understand requirements and ensure timely delivery of high-quality code.

Technologies used: AngularJS, jQuery Mobile framework, PhoneGap, Ionic, JavaScript, HTML, CSS, Node.js, Drupal, WordPress, PHP.

EDUCATION

MCA – SOURASHTRA COLLEGE, MADURAI – 2008.

Master of Computer Application from Madurai Kamaraj University.

MAJOR WORKS

BAKER AND TAYLOR – DIGITAL TRANSFORMATION CR

Contributed to the **digital transformation** of **Baker & Taylor's Destiny Discover** and **Azixs 360** platforms, focusing on **web application development** using **Angular**.

Developed **responsive, high-performance web apps** to enhance **digital book discovery** and **library management** for end-users.
Implemented **state management** using **Redux** for smooth data flow and integration with backend services.
Designed modern, accessible **user interfaces** with **Material UI**, aligned with brand guidelines.
Optimized app performance through **lazy loading** and **API call fine-tuning** for faster load times.

MY ROLES

- **Implemented screens** and developed responsive UIs using **React.js**.
- Created **unit test cases** for various components and pages using **React Testing Library** to ensure code quality.
- Integrated **accessibility support** into the implementation, ensuring compliance with standards.
- Utilized **Material UI** for consistent and modern design across application screens.

Applied **CSS** to create **responsive designs**, optimizing the user experience across devices.

H&M - E-COMMERCE WEB | MOBILE APP

Led the development of a **White Label Mobile Framework** for **Alshaya Brands**, enabling customizable iOS and Android apps for multiple brands.

Built **reusable mobile modules** using **React Native**, integrating dynamic brand-specific features, UI, and theming based on brand guidelines.

Designed a **Mobile Application Server (MAS)** to centralize backend services, ensuring consistent and scalable app deployment across brands.

Developed adapter patterns within MAS for seamless integration with third-party APIs, optimizing code efficiency.

Collaborated with cross-functional teams to deliver mobile apps on-time, ensuring high performance, security, and functionality.

MY ROLES

- Led and managed the development of full-stack solutions using **MongoDB, React.js, React Native, and Node.js**.
- Architected and implemented scalable applications, ensuring high performance, maintainability, and user experience.

Collaborated with cross-functional teams to design and deliver robust features for web and mobile platforms

SENTARA HEALTH - DIGITAL TRANSFORMATION

Led the development and transformation of **Sentara Health**, a group of hospitals in Virginia, to enhance the **patient health tracking** and **appointment scheduling** features across **web** and **native mobile platforms**.

Built a **MERN stack**-based hospital app to enhance **document digitization, analytics, and patient management**

Developed **responsive web apps** with **React.js** for a consistent user experience on **web, iOS, and Android**.

Architected backend with **Node.js, Express.js, and MongoDB**, optimizing patient data storage and healthcare analytics.

Implemented key features, including **patient health data tracking**, **appointment scheduling**, and **document management** to enhance user engagement and streamline hospital operations.

MY ROLES

- Led the development of a **hospital user application** to streamline **document digitization** and **analytics** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Architected and implemented backend and frontend solutions to improve **patient data management** and **healthcare analytics**.
- Collaborated with cross-functional teams to ensure a seamless integration of features and a user-friendly interface.

ARNA (ANALYSIS RECOMMENDED AND AUTOMATE) INTERNAL TOOL FOR FIDELITY

Developed the **ARNA** tool for **Fidelity**, enabling **L2 support teams** to quickly find solutions to recurring incidents, reducing investigation time and improving resolution speed.

Built the **frontend** using **Angular**, implementing **search functionality**, **incident prioritization**, and **solution ranking** based on severity.

Integrated **RESTful APIs** for real-time data fetching and solution delivery.

Enhanced usability with responsive design using HTML5 and CSS3 for smooth cross-device performance.

MY ROLES

- Led **front-end design and development** to create user-friendly, responsive interfaces.
- Ensured **adherence to corporate standards** and best practices throughout the development process.
- Tailored the product's **UI** to align with **corporate branding** and established **design standards**.

DEVICE LIFE CYCLE MANAGEMENT (CLIENT: YOKOGAWA)

Developed a **Device Life Cycle Management** system to track **electrical devices** (e.g., pressure gauges, temperature gauges) across multiple plants.

Implemented **device registration**, **search functionality**, and **status tracking** (e.g., **delivered**, **maintenance required**).

Enabled **email communication** for maintenance requests and **document uploads** for device-related files.

Used **Angular** for the front-end and **REST APIs** for backend integration.

MY ROLES

- Developed **graphical user interfaces** (GUIs) for various modules using **HTML5**, **CSS3**, and **Angular**.
- Crafted **custom themes** and **modules** tailored to client requirements, ensuring a personalized user experience.
- Performed **Unit**, **Functional**, and **Integration testing** to ensure module functionality and quality.

Actively contributed to both the **development** and **testing** phases of the project, ensuring seamless integration and delivery.

BILLING MACHINES (ONLINE PHARMACY) - CVS, USA.

[Title, Company]

Developed **billing machines** for **CVS**, a leading online pharmacy specializing in **prescriptions**, **health**, and **wellness services**.

Led the **theming process** using **AngularJS**, ensuring a visually cohesive and seamless **user experience** across the application.

Collaborated with backend teams using **Java** for efficient integration and data handling, ensuring smooth functionality across all components.

Utilized **HTML5** and **CSS3** to design responsive, user-friendly interfaces optimized for performance across devices.

MY ROLES

- Senior Front-End Developer
- Crafted **Graphical User Interfaces** for diverse modules:
- Utilized **HTML5**, **CSS3**, and **AngularJS** in the design process.
- Led **custom theme** and **module** development to meet client specifications.

Conducted rigorous **Unit**, **Functional**, and **Integration testing** to ensure module integrity.