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| **Gowtham S**  Software Engineer - Front End Developer | |  |  | | --- | --- | |  | | | **Phone:** | +91 86681 45708 | | **Address:** | Chennai, Tamil Nadu, IN | | **Website:** | https://gowtham-portfolio-eta.vercel.app | | **Email:** | gowthamselvam0904@gmail.com | |  | | |

A highly skilled Frontend Developer with over 2 years 4 months of professional experience, specializing in Angular and hands-on exposure to React.js. Demonstrated expertise in developing scalable, maintainable web applications using component-based architecture and effective state management techniques. Strong problem-solving abilities, proficiency in version control systems such as Git, and a solid background in Agile methodologies. Committed to delivering high-quality, performance-optimized frontend solutions that align with user needs and business objectives.

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| *Experience* | |  |  | | --- | --- | | **Xenovex Technologies** | March 2023 - May 2025 |   **Assosiate Software Engineer**  **Frontend Architecture & Development**: Led the setup and implementation of scalable frontend architectures using Angular and React.js, adhering to modern development best practices and clean code standards.  **Data Visualization & Dashboard Design**: Built interactive, real-time dashboards using ApexCharts, D3.js, and Chart.js, enabling data-driven insights through dynamic visual representation.  **State Management**: Implemented robust state management solutions with Redux and RxJS, ensuring consistent data flow and improving application performance and maintainability.  **Authentication & Security**: Developed secure authentication flows including OTP-based authentication, form-based sign-ins, and Microsoft SSO integration using MSAL, enhancing both user experience and enterprise-level security.  **Reusable Components & Dynamic Forms**: Created modular and reusable components for forms and reports with conditional rendering, dynamic validation, and custom input handling to streamline user interaction.  **Testing & Code Quality**: Maintained high code quality by implementing unit testing strategies using frameworks like Jasmine, Karma, and React Testing Library, ensuring reliability and regression prevention.  **Deployment & DevOps Practices**: Managed deployments using Docker and WinSCP, with a focus on optimizing web app performance and scalability. Delivered Progressive Web Applications (PWA) for enhanced accessibility and offline support.  **UX Design & Navigation**: Engineered advanced navigation structures, including breadcrumb-supported drill-down paths and nested component routing, improving usability and user retention.  **UI Customization & Theming**: Applied Fluent UI for customized, brand-consistent theming in React apps, enhancing design consistency across the platform.  **Agile Collaboration**: Worked in Agile/Scrum environments using Jira for sprint planning, backlog grooming, and issue tracking. Collaborated cross-functionally with designers, backend developers, and QA teams for end-to-end feature delivery. |

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| *Skills* | **Frontend Frameworks:** Angular, React.js, Ionic  **State Management**: Redux, RxJS  **Authentication & Security**: MSAL (Microsoft SSO), JWT, OTP Systems  **Charts & Visualization**: ApexCharts, D3.js, Chart.js  **Testing**: Jasmine, Karma  **Deployment & Build**: Docker, WinSCP  **UI Libraries**: Fluent UI, Angular Material, Bootstrap  **Version Control & CI/CD**: Git, GitHub, GitLab  **Project Management Tools**: Jira, Confluence  **Languages & Markup**: TypeScript, JavaScript, HTML5, CSS3, SCSS |

*Projects*

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| **OSANTS ( Angular 16, Ionic, REST API, Bootstrap)** | 2023 - Till |

Developed web, PWA, and mobile apps using Angular and Ionic for managing Leads, Contacts, RFQs, Price Quotes, Price Presentations, and POs.

Implemented OTP-based login, email integration, and role-based access control for secure workflows.

Built reactive forms, dynamic UI components, and integrated with RESTful APIs for seamless data operations.

Delivered responsive UI using Bootstrap, optimized for cross-device performance.

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| **Sylko ( Angular, ngx-datatable, TypeScript, REST API )** | 2023 - Till |

Maintained and enhanced an enterprise-level Angular application for processing and transferring EDI files to XML format as per business requirements.

Implemented and customized ngx-datatable to display large datasets with advanced features like pagination, filtering, and sorting.

Delivered new feature requests, performed bug fixes, and improved UI/UX consistency across modules.

Developed custom filters to streamline data search and improve user navigation within the datatable.

Collaborated with QA and backend teams to ensure seamless API integration and production stability.

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| **MDMI – Midday Meals Information System ( Angular, ApexCharts, TypeScript, REST API, Bootstrap)** | 2024 - Till |

Developed key modules for a government-focused Midday Meals Information (MDMI) system using Angular, enabling efficient data visualization and tracking.

Implemented drill-down views to allow users to navigate from high-level summaries to detailed district/school-level data.

Designed and integrated interactive timelines to display chronological event flows and meal distribution data over time.

Utilized ApexCharts to render dynamic charts based on live API data, including bar, pie, and line charts for performance monitoring.

Ensured responsive and accessible UI using Bootstrap, improving usability across devices.

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| **Fundaneed – ( Angular, Angular Material, TypeScript, REST API )** | 2023 - 2024 |

Utilized Angular Material components extensively, including tables with pagination, dropdowns, dialogs, and form controls to deliver a rich, accessible user experience.

Implemented dynamic data displays, interactive forms, and user-friendly navigation to efficiently manage event registrations and donations.

Integrated backend APIs to handle real-time updates and reporting on fundraising progress.

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| **TCT – Transport Control Tower (Angular, REST API, TypeScript, Bootstrap)** | 2023 - Till |

Enhanced operational transparency and optimized fleet efficiency, contributing to significant cost reduction and better decision-making.

Implemented new requirements and performed ongoing bug fixes to improve system functionality and user experience.

Built responsive UI components using Angular and Bootstrap, ensuring accessibility across devices.

Collaborated with backend teams to integrate APIs supporting real-time data synchronization and reporting.

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| **Rx-Office Teams App - ( React, Fluent UI, Microsoft Teams Toolkit, SSO Authentication, Ant Design)** | 2024 - Till |

Developed a sophisticated Microsoft Teams app for workplace management using React and Fluent UI, enabling dynamic daily workspace preference settings and team coordination.

Implemented Single Sign-On (SSO) authentication for seamless and secure user access within the Microsoft Teams environment.

Created custom dark and light themes to enhance user experience and accessibility across different lighting preferences.

Integrated Ant Design DatePicker component to facilitate intuitive date selections within the app.

Leveraged Microsoft Teams Toolkit for efficient app development, deployment, and integration with Teams platform features.

Delivered a user-friendly, responsive interface promoting flexible collaboration and real-time workspace visibility among teammates.

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| **TEXCO – Tamil Nadu Ex-servicemen's Corporation Job Portal ( React, React Stepper, REST API, CSS, Bootstrap)** | 2024 - Till |

Developed a dedicated job portal for TEXCO members, focusing on ex-servicemen and their dependents with two separate registration flows.

Implemented a customized React Stepper based on wireframes to manage multi-step forms efficiently, capturing user details step-by-step.

Designed and handled individual form steps for smooth user experience during registration.

Built a dashboard to display job application status, user details, and relevant updates dynamically fetched from backend APIs.

Created a job application module that allows users to view and apply for jobs based on real-time data retrieved from RESTful APIs.

Ensured responsive UI and adherence to design specifications for accessibility and usability.

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| **TOWA – Tenant Management System ( Angular 19, Angular Material, Bootstrap, JWT Authentication, REST API )** | 2025-Till |

Developed a robust tenant management system using Angular 19 with JWT-based authentication and authorization to secure the application.

Implemented dynamic forms for adding new tenant masters and individual tenants using reactive forms and Angular Material components like tables, dropdowns, form-fields, and custom directives for enhanced input validation and UX.

Utilized Angular routing with lazy loading to optimize app performance by loading modules and components on demand.

Created interactive charts to visualize tenant data and system metrics, improving data-driven decision-making.

Leveraged Bootstrap for responsive UI design and consistent styling across devices.

Ensured seamless integration with backend APIs for CRUD operations and real-time data updates.

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| *Education* | |  |  | | --- | --- | | **Annai Violet College of Arts and Science** | 2019 - 2022 |   **Bachelor of Science in Computer Science (BSC)**  **Percentage - 60%**   |  | | --- | |  |  |  |  | | --- | --- | | **RR Cambridge Matric Higher Secondary School** | 2018 - 2019 |   **Higher Secondary Certificate (HSC)**  **Percentage - 66%**   |  | | --- | |  |  |  |  | | --- | --- | | **RR Cambridge Matric Higher Secondary School** | 2016 - 2017 |   **Secondary School Leaving Certificate (SSLC)**  **Percentage - 94%** |