

Gangadhar Chavvakula

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Frontend Developer / UI Developer

Experienced FrontEnd Developer with 3+ years of expertise in Angular, React.js and UI development. Proven track record of delivering high-quality web solutions globally. Upgraded skills and integrated blockchain technology for decentralized functionality. Enhanced application performance, resulting in a 20% increase in user engagement within 6 months.

WORK EXPERIENCE

Self-Learning & Freelance Development • 01/2024 - Present

FrontEnd Developer • Freelancer

- **Explored & Upgraded Skills:** Learned **React.js, React Native**, and the **latest Angular 19 features** (Standalone Components, Signals, State Management).
- **Developed and deployed Web 3.0-based applications**, integrating blockchain technology for decentralized functionality.
- **Worked with clients globally**, gathering business requirements and delivering high-quality web solutions.
- **Explored backend technologies** (Node.js, MongoDB) and API integrations for seamless data flow.
- **Optimized performance** of web applications with **lazy loading, caching, and efficient state management**.
- **Integrated Smart Contracts & DApps** using Ethereum, Solidity, and Web3.js.

Vee Technologies Pvt Ltd • Salem, Tamilnadu • 06/2022 - 12/2023

Software Engineer 1 • Full-time

- **Developed & Maintained Web Applications:** Built and optimized **E-commerce** and **ATS (Applicant Tracking System)** projects using **Angular, TypeScript, HTML5, and CSS3**.
- **Implemented Routing & Route Guards:** Configured **Angular Routing** with **lazy loading, Route Guards (AuthGuard, CanActivate, CanDeactivate)** to manage navigation and user access.
- **Reactive Forms & Validations:** Created dynamic **Reactive Forms** with custom validations, form control handling, and error messages for enhanced UX.
- **API Integration & CRUD Operations:** Used **Angular Services and HTTPClient** to **fetch, create, update, and delete** data from **RESTful APIs** and display results dynamically in tables.
- **State Management & Optimization:** Utilized **RxJS (Observables & Subjects)** to handle asynchronous data flow and improve application performance.

- **Responsive UI & Cross-Browser Support:** Designed and developed **responsive, mobile-friendly UI** using **Bootstrap and media queries** for a seamless user experience.
- **Version Control & Team Collaboration:** Worked in an **Agile environment**, used **Git/GitHub** for version control, participated in **code reviews, daily stand-ups, and sprint planning**.

Adyaha Ways Pvt Ltd • Hyderabad • 03/2020 – 06/2022

Software Engineer • Full-time

- **Developed & Maintained UI:** Built responsive and interactive web applications using **Angular, TypeScript, HTML5, and CSS3**.
- **API Integration:** Integrated **RESTful APIs** using **HTTPClient Module** for seamless data communication between frontend and backend.
- **Responsive & Cross-Browser Design:** Ensured mobile-friendly UI using **Bootstrap, Flexbox, and Media Queries** for different screen sizes.
- **Debugging & Performance Optimization:** Identified and fixed UI/UX issues using **Chrome DevTools** and improved application performance.
- **Version Control & Collaboration:** Used **Git & GitHub** for source code management and participated in **code reviews & Agile development**.
- **Continuous Learning & Testing:** Enhanced coding skills by following **Angular best practices** and writing **unit tests using Jasmine & Karma**.

EDUCATION

Bachelor of Science in Computer Science

Yogi Vemana University • Kadapa • GPA: 76 % • 06/2015 – 07/2018

PROJECTS

ATS(Applicant Tracking System) • 06/2023 – 12/2023

Vee Technologies Pvt Ltd

Project Description:

The **ATS (Applicant Tracking System)** is a **HRMS-like portal** designed to **streamline the hiring process**, employee management, and payroll operations. The system supports **five different user roles: Super Admin, Admin, Manager, Interviewer, and Employee**. It covers the **entire interview lifecycle**, including **interview scheduling, feedback collection, onboarding, employee performance review, leave & holiday management, and payroll processing**.

Responsibilities & Contributions:

- **Implemented Role-Based Authentication:** Developed login access for **Super Admin, Admin, Manager, Interviewer, and Employee**, managing **user permissions** using **Route Guards (AuthGuard, CanActivate, CanDeactivate)**.
- **Reactive Forms & Validations:** Created **dynamic forms** with **validations and error handling** for interview scheduling, employee management, and leave requests.
- **Data Fetching & Table Management:** Integrated **REST APIs** to **fetch, display, and manage data in tables**, ensuring a seamless user experience.

- **Super Admin Notification System:** Implemented real-time **notifications for Super Admin** when employees applied for leaves or logged in.
- **CRUD Operations & Performance Optimization:** Performed **Create, Read, Update, and Delete (CRUD) operations** while optimizing **API calls with lazy loading** for improved performance.
- **Implemented Pipes & Directives:** Used **custom and built-in Angular Pipes** for **data transformation**, and **directives** to enhance UI functionalities.
- **Two-Way Data Binding & State Management:** Utilized **two-way data binding** to sync **UI components** and manage state efficiently.
- **Bug Fixes & Debugging:** Identified and **resolved UI & functional bugs**, ensuring smooth application performance.
- **Routing & Lazy Loading:** Implemented **lazy loading modules** for better performance and efficient navigation between different sections of the ATS system.
- **Agile Development & Team Collaboration:** Worked in an **Agile environment**, participated in **daily stand-ups, sprint planning, and code reviews**, and used **Git/GitHub** for version control.

Ecommerce • 06/2022 – 05/2023

Vee Technologies Pvt Ltd

Project Description:

This project is a **shopping website** that allows users to **register, sell, and buy products**. Users can **add products to their cart**, message the owner for product inquiries, and manage their orders. The platform supports **user authentication**, product management, and a seamless shopping experience.

Responsibilities & Contributions:

- **Developed Dynamic UI:** Built and optimized **responsive web pages** using **Angular, TypeScript, HTML5, and CSS3** to ensure a seamless user experience.
- **Implemented User Authentication:** Developed **login & logout functionality** with form validations and secured **user sessions** using JWT authentication.
- **API Integration & CRUD Operations:** Worked on **RESTful API integration** with **Node.js & MongoDB**, performing **Create, Read, Update, and Delete (CRUD) operations** for users and products.
- **Implemented Reactive Forms & Validations:** Created **dynamic and interactive forms** with **custom validations, error handling, and form control management**.
- **Shopping Cart & Messaging Feature:** Developed a **shopping cart functionality** and a **messaging system** for buyers to communicate with product owners.
- **Learned MongoDB & Node.js Basics:** Gained **hands-on experience** in **MongoDB** for **database management** and **Node.js** for **backend API development**.
- **Routing & Navigation:** Implemented **Angular Routing**, including **lazy loading and Route Guards (AuthGuard, CanActivate)** to manage access control.
- **Version Control & Collaboration:** Worked in an **Agile environment**, used **Git/GitHub** for version control, and participated in **daily stand-ups, sprint planning, and code reviews**.

Billing Central • 06/2020 – 05/2022

Adyaha Ways Pvt Ltd

Project Description:

Billing Central is a secure **web application** that provides clients with **24/7 access to practice billing information**. Using a **secure login**, clients can view **billing details**, including **generated claims, denial claims, processed claims, patient balances, and bill generation**. The application also includes a **Message Center** for client-patient communication, and billing personnel can send **invoices and bills**.

Responsibilities & Contributions:

- **Developed Responsive UI:** Built and optimized the user interface using **Angular, TypeScript, HTML5, and CSS3** to ensure a smooth user experience across devices.
- **Implemented Secure Authentication:** Integrated **login/logout functionality** and managed user access using **JWT authentication and route guards (AuthGuard, CanActivate)**.
- **Billing & Claims Management:** Designed components to **display billing details, generate claims, and track denial claims** using **Angular Services and RESTful API integration**.
- **Message Center & Communication Module:** Developed a **real-time messaging feature** for communication between clients and patients.
- **Dynamic Data Handling:** Used **RxJS Observables & Subjects** to handle **asynchronous API calls**, ensuring smooth data updates in the UI.
- **CRUD Operations & Data Fetching:** Implemented **Create, Read, Update, and Delete (CRUD) operations** for **billing records and invoices** in a structured and efficient manner.
- **Performance Optimization & Debugging:** Used **Chrome DevTools** to debug performance issues, optimize API calls, and enhance load times.
- **Agile Development & Collaboration:** Worked in an **Agile environment**, collaborated with **backend teams**, participated in **code reviews**, and used **Git/GitHub** for version control.

SKILLS

Frontend Development:: Angular (v14), Bootstrap, CSS3, HTML5, JavaScript (ES6+), React.js, React Native, Responsive Web Design, TypeScript

State Management & Data Handling:: Directives & Pipes (Custom & Built-in), RxJS (Observables & Subjects), Two-Way Data Binding

Routing & Authentication:: Angular Routing & Navigation, JWT Authentication, Lazy Loading Modules, Route Guards (AuthGuard, CanActivate, CanDeactivate)

Forms & Validation:: Dynamic Form Handling, Form Validations (Custom & Built-in), Reactive Forms & Template-Driven Forms

Backend & API Integration:: CRUD Operations (Create, Read, Update, Delete), Fetching & Displaying Data in Tables, RESTful API Integration

Performance Optimization & Debugging:: API Call Optimization, Chrome DevTools for Debugging, Lazy Loading for Performance Enhancement

Database & Backend Knowledge:: MongoDB (Basics), Node.js (Basics)

Collaboration & Version Control:: Agile Development (Scrum, Sprint Planning, Stand-ups), Code Reviews & Team Collaboration, Git & GitHub