NEHA HIRAY

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PROFILE OVERVIEW

Full-stack developer with expertise in Angular, TypeScript, and RxJS. Skilled in building dynamic UI components, designing workflows, and integrating RESTful APIs. Experienced in using Angular Material, jsPlumb, and creating custom libraries. Proficient in state management, performance optimization, and handling complex user interfaces. Strong backend skills in .NET (C#, ASP.NET Core) and Python Django (Django REST framework). Experienced in database design and management with MySQL. Proficient in Git for version control and collaborative development. Strong in collaborating with cross-functional teams to deliver scalable and high-quality solutions.

WORK EXPERIENCE

Axonator Inc., Full Stack Developer   *Feb 2024 - Present*

Tech Stack: Angular, TypeScript, RxJS, HTML, SCSS, Angular Material, Angular CDK, NgRx (for state management), Bootstrap, Tailwind CSS, Jenkins, GitHub Actions, Azure DevOps, Postman, Swagger, CI/CD , .NET Core, ASP.NET Core MVC, ASP.NET Core Web API, Entity Framework Core, LINQ, Dependency Injection, SignalR, Middleware, async/await, Razor Pages, Blazor, Visual Studio, Visual Studio Code, NodeJs, Python, Django, Django REST Framework (DRF), Django ORM MySQL, Git,

Technical Contributions:

- **Dynamic QR Code Generator**
  Built a QR code generation feature using Angular (TypeScript, HTML, SCSS) with reactive forms and Python Flask backend, improving data sharing for users and internal teams..
- **REST API Workflow Step Integration**
  Developed a workflow step to call external REST APIs using Angular forms and Python backend, enabling third-party system integrations.
- **Generic Drag-and-Drop Field Mapping Engine**
  Created a reusable mapping UI using Angular CDK for drag-and-drop, RxJS for state handling, and backend logic in Python and .NET to store and resolve field bindings in MySQL.
- **Custom SQL Query Editor & Parser**
  Implemented a query editor using Angular. Wrote backend parsing logic in .NET to handle nested queries and dynamic chart data loading.
- **Dashboard and Chart Permission Manager**
  Engineered a full-stack module to manage dashboard and chart permissions with granular access control. Angular frontend presented dynamic checkboxes and tree structures; backend (.NET Core) handled permission logic and MySQL schema updates. Supported complex user-role-based access configurations.
- **Legacy IFrame Report Integration**
  Embedded Python Django(old project) reports functionality into Angular using iframes and postMessage for communication, ensuring cross-platform data sync.
- **Navigation Bar & Breadcrumb System**
  Refactored global navigation using Angular Router and ActivatedRoute. Developed a custom Breadcrumb Service to dynamically interpret route configurations and construct navigable breadcrumbs across deeply nested routes.
- **Hotfixes & UI Enhancements**
  Delivered quick production fixes and UI improvements using Angular best practices, responsive SCSS, and RxJS updates.
- **Custom Angular Library Development & Publishing**
  Maintained internal Angular libraries and published updates to private NPM, improving code reuse and consistency.

- **Deployment Ownership & DevOps Exposure**
  Managed deployment cycles using Git across multiple environments (Dev, QA, Prod).
- **Performance Tuning & Debugging**
  Resolved major bugs, optimized performance, reduced API latency, and improved app stability using profiling tools..

ACADEMIC QUALIFICATIONS

Institution	Course	Batch	Grade
CDAC - Pune	DAC	March 2023	63%
K.K.Wagh Institute Engineering Education and Reasearch, Nashik	B.E – Computer Science & Engineering	2016-2020	60 %
K. V. N. Naik college,Nashik	Class XII	2016	76.92 %
Rachana Vidyalaya, Nashik	Class X (SSC)	2014	87 %

PROJECTS

Fitness Tracker–

- *Project Overview*: Fitness Tracker is a full-stack project designed to streamline and enhance the fitness aspects of an individual's health by offering simplified features such as weight tracking, calorie monitoring, and progress analysis. The application provides a comprehensive solution for tracking various fitness parameters and presenting graphical insights to help users monitor their health journey effectively. Built to be scalable, the system can be implemented for individual users as well as fitness entities like gyms. The primary goal is to promote overall well-being by making fitness tracking accessible, intuitive, and data-driven.
- *Platform : Java, .NET MVC, Spring Boot REST API,React JS, MySQL*.
- https://github.com/utkarshav/Fitness-Tracker

Recipe Recommendation System–

- *Project Overview:* The Recipe Recommendation System suggests personalized food recipes based on ingredients currently available with the user. Unlike traditional recipe websites, it considers users' existing ingredients, nutritional needs, and health conditions to recommend suitable dishes. This saves time and helps users decide what to cook daily while making efficient use of available resources.*.*
- *Key Skills:* Python