Jay Borad

LinkedIn | Github

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Front-End Developer

I am a highly skilled web developer with extensive experience in **Angular, React.js, and TypeScript**. I also possess strong expertise in REST API development and database management, with in-depth knowledge of **MySQL, PHP, Node.js, Redis, Firebase, and MongoDB**.

Tech Stack

Languages	:	JavaScript, Typescript, Python, PHP, HTML, CSS/SCSS, Java
Cloud Tools	:	AWS, Linode
Frameworks	:	Angular, React-JS, Node-JS
Back-end	:	MySQL, MongoDB , Firebase, Redis-Server ,Django-Fast-API
Dev Tools	:	Visual Studio Code, Git, GitHub, Figma, Redis insight
Networking Tools	:	NMAP, Wire-shark, Cisco Packet Tracer, Burp-Suite
OS	:	Linux, Windows Server, RedHat Linux

Areas Of Interest

- UI/UX Design
- Angular Developeme
- Backend Development
- Cloud Computing
- Computer Networking
- Cyber Security
- Database Design

Experience

Angular Developer   Dec 2023 – Current
Syfrox   *Ahmedabad, GJ, IND*

- Gained expertise in advanced concepts of **Angular**, progressing from foundational to complex topics.
- Developed skills in **model data manipulation** using various methodologies, enhancing application functionality across multiple projects.
- Acquired hands-on experience with libraries such as **Ag-Grid, Syncfusion, Chart.js**, and more, tailoring pre-built functionalities to fit specific project requirements.
- Expanded knowledge in backend operations, including **database flow creation** and integration, significantly broadening my technical proficiency.

Cyber Security Intern   Aug 2021 – Oct 2021
Virtual Testing Foundation   *Remote - Los Angeles, CA, USA*

- Learned the fundamentals of **Penetration Testing Tools.**
- Learnt how to **penetrate system** using various kind of methodologies.

EDUCATION

R.C. Technical   Ahmedabad, Gujarat, India
Diploma in Computer Science   *Sep 2020 – Jun 2023*

Indrashil University   Ahmedabad, Gujarat, India
Bachelor of Engineering in Computer Science - External   *Jul 2023 – Jun 2026*

LIVE-PROJECTS

Remote-Data Project   *Angular, Syncfusion, TypeScript, SCSS*   Prototype Source Code

- Led the development of an advanced IoT device data visualization and management platform, leveraging a custom build of **ejs-diagram** to facilitate real-time interaction with live data streams from **SignalR**.
- Implemented a dynamic drag-and-drop interface where users can position and configure shapes, images, and data fields on a canvas. This canvas reflects live data from various IoT devices, providing a real-time visual representation of sensor readings, statuses, and other critical metrics.
- Designed and developed a feature-rich template system that allows users to create, save, and load custom templates. These templates automatically bind to specific data points, such as station data or signal values, ensuring that each template displays the correct real-time information when viewed in a read-only mode.
- Engineered complex workflows involving **model-based structure manipulation** and **custom model creation**, enabling the platform to handle intricate data flows and visual representations, tailored to specific use cases.
- Utilized **Angular, Syncfusion, TypeScript,** and **SCSS** to develop a responsive, intuitive, and visually appealing user interface, enhancing user experience and interaction with complex data.
- Successfully managed the project from concept to deployment, overseeing all phases of development, including requirement gathering, design, implementation, testing, and user training.
- **Note:** The source code linked is a prototype used to develop the base of the live project. The actual source code is not publicly available as it is part of a client project Data privacy policy.

PROJECTS

E-Commerce Website   *HTML, SCSS, TypeScript, Swiper.js, Firebase, Node.js*   Source Code

- Developed a tech-focused e-commerce platform with an **elegant and attractive user interface**, utilizing **dynamic banners** and **Swiper.js** for seamless data sliding and product showcases.
- Implemented **Firebase Authentication** for secure user login and account management, ensuring a smooth and reliable authentication process.
- Backend development is ongoing in **Node.js**, focusing on building robust and scalable server-side logic to handle product management, orders, and user interactions.

Speech to Text Converter   *Angular, TypeScript, SCSS*   Source Code

- Developed a **speech-to-text conversion** application from scratch in Angular, without relying on any third-party libraries, demonstrating a deep understanding of frontend technologies and audio processing.
- Implemented **language support** for converting English-US text into other languages, with the flexibility to integrate additional libraries for extended language translation capabilities.
- Optimized the application for performance and accuracy, ensuring reliable real-time speech recognition and text conversion across supported languages.

64BitStore - Computer Hardware E-Commerce   *HTML, CSS, JavaScript, Bootstrap, PHP, MySQL*   Source Code

- Developed a comprehensive e-commerce platform, **64BitStore**, for buying and selling computer hardware, providing a seamless experience for both customers and sellers.
- Implemented an **admin dashboard** that allows administrators to manage user logins, inventory, product approvals, and order processing, ensuring efficient and streamlined operations.
- Designed the front end using **HTML, CSS, JavaScript,** and **Bootstrap** for a responsive and visually appealing user interface.
- Built the backend with **PHP** and **MySQL**, supporting robust data management and dynamic content generation.
- **Note:** The source code and database backup file are available on GitHub, enabling easy simulation of the site with pre-loaded data.

CERTIFICATIONS

- Introduction to Cyber Security

- CS50