BHARATH S

Full Stack Web Developer

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Driven by curiosity and determination, I've embraced diverse experiences, from engineering to civil service preparation and tech. My path showcases my resilience and passion for lifelong learning.

SKILLS

- **Programming Languages:** JavaScript (with Jquery), Java
- **Frameworks/Libraries:** React.js with Redux, Node.js with Express.js, Next.js, Tailwind, Bootstrap
- **Databases:** MongoDB, MySQL, MSSQL
- **Version Control System:** Git, GitHub

EXPERIENCE

1. **Vilva Networks** | Chennai   *Dec 2024 – Present*
Full Stack Developer Intern
   - **Development and Code Contribution:**
     - **Fixed UI bugs** such as **misaligned layouts, UX bugs** such as **value mismatches** in orders of e-Commerce websites, add features based on client requests, etc.
     - Based on **Page Speed Insights report**, identified **accessibility and performance issues** to update the code and ensure compliance with **WCAG standards.**
     - **Tested User Acceptance Testing (UAT) APIs** to ensure functionality, performance, and reliability, identifying and documenting any issues for resolution.
   - **Cross-Functional Responsibilities:**
     - **Project lead:** Engaged with clients to gather requirements and deliver tailored solutions by collaborating with senior developers.
     - Led **SEO initiatives**, optimized legal document flow and tested applications with real-time user interactions.
2. **Flex** | Chennai   *May 2016 – Apr 2017*
Junior Engineer
   - Created part numbers for Bill of Materials (BOM) in Agile and Baan (an Enterprise Resource Planning Software) creating Approved Vendor Lists (AVLs).
   - Worked closely with Engineering and materials teams to review product updates / modifications.

CERTIFICATIONS

- The Web Developer Bootcamp | Udemy   *Oct 2023 – Dec 2023*
- Modern React with Redux | Udemy   *Oct 2023 – Dec 2023*
- Harvard CS50'S Introduction to Computer Science | edX   *Dec 2023 – Jan 2024*
- Java-React Full Stack Developer| Accord Info-Matrix   *Feb 2024 – Oct 2024*

EDUCATION

MNM Engineering Jain College | Chennai   *Aug 2012 – Apr 2016*
B.E. Electronics and Communication Engineering (ECE) | **7.9 CGPA**

PROJECTS

1. **Personal Portfolio:** GitHub | YouTube Demo | Live   *Jan 2024 – Feb 2024*
   Primary Skills: HTML, CSS, JS and Node.js
   - Designed an **animated** landing page, **progress bar** with sliding animations, and a project **filter**.
   - Built a **contact form with validation** where the responses are received in Gmail.

2. **Job Application Tracker:** GitHub | YouTube Demo   *Jun 2024 - Jul 2024*
   Primary Skills: Java and MySQL with JDBC connectivity
   - Developed a console-based application simulating a job portal with **3 types of logins - Admin, HR and User** where each of them can perform **CRUD** operations.
     - **Admins:** Create/Delete/View HR/User
     - **HRs:**
       - Post/delete/view/update jobs
       - Update job status (active/expired)
       - Update applicant status (pending/selected/rejected)
     - **Users:**
       - View job openings
       - View applied jobs with the status (pending/selected/rejected)
       - Apply for a job with resume
   - Leveraged **OOP** principles like **Inheritance, Polymorphism, Abstraction, and Encapsulation** to **minimize code redundancy** and **enhance maintainability.**

3. **YouTube Clone:** GitHub | YouTube Demo | Live   *Jul 2024 – Jul 2024*
   Primary Skills: React.js with Redux and Tailwind
   - Developed **Home Feed** displaying curated video collections and detailed video pages with **comments, views,** and **upload information**.
   - Implemented API-driven search bar with **suggestion API integration** and **debouncing** to **reduce the number of API calls**.

4. **Netflix Clone:** GitHub | YouTube Demo| Live   *Aug 2024 – Aug 2024*
   Primary Skills: React.js with Redux and Tailwind
   - Leveraged **TMDB**, **Open-AI APIs** to **fetch and search** for movies.
   - Utilized session storage with **Redux-Persist** for account management, created modals for displaying and editing user account details.
   - An **add-to-favourite** feature to add/remove and display the list of favourite movies and shows.

5. **Destination Diaries:** GitHub | YouTube Demo| Live   *Sept 2024 – Sept 2024*
   Primary Skills: Node.js with Express.js, EJSMate, MongoDB and Bootstrap
   - Enable users to **manage travel destinations** where users can **add/search destinations**, **upload images** and **post reviews**.
   - Integrated features such as a **cluster map** for destination visualization, **JSON Web Tokens** and **Bcrypt** for **secure authentication.**

6. **DevConnect:** GitHub (frontend) | GitHub (backend) | YouTube Demo| Live   *Oct 2024 – Oct 2024*
   Primary Skills: MERN stack
   - Engineered a **networking platform** enabling users to **send/accept/decline connection requests** and **chat in real-time**.
   - Built APIs for managing connections and messaging, utilizing **JSON Web Tokens for authentication** and **cookies for session persistence**.

CAREER GAP

Civil Service Exam Preparations   *Jun 2017 – Oct 2023*

Gained deep insights into complex subjects, significantly enhancing my **analytical, research,** and **problem-solving abilities**, fostering a **strategic and methodical approach to challenges**.