AYUSH TYAGI

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Education

B.Tech in Computer Science　　　　　　　　　　　　　　　　　　**Aug 2020 - Jun 2024**
K.I.E.T Group Of Institutions, Ghaziabad　　　　　　　　　　　　　　*CGPA: 7.9/10*

Professional Experience

React Developer　　　　　　　　　　　　　　　　　　　　**June 2024 – Present**
Consat Orahi, Gurugram

- **Front-End Development:** Led the development and optimization of the front-end for key products including **LOCATE**, **SEE YOUR DATA**, **Eberspacher**, and Consat Orahi, catering to businesses across Europe and beyond.

- **Tech Stack Migration:** Spearheaded the transition from legacy Redux to **Redux Toolkit**, upgraded the backend from **Node 14 to Node 20**, and modernized key dependencies, significantly enhancing application efficiency and maintainability.

- **Performance Optimization:** Implemented strategic optimizations that reduced hardware costs by **50%** and improved server uptime, cutting the startup time from **8 minutes** to just **3.5 minutes**.

Frontend Developer Intern　　　　　　　　　　　　　　　　**Dec 2023 – June 2024**
SproutsAI

- **Technology Stack:** Spearheaded the development of a **scalable and efficient candidate pool platform** using cutting-edge technologies, including **React, React-Router-Dom, Redux Toolkit,** and **Tailwind CSS**.
- **High-Performance Data Handling:** Engineered robust features to **fetch and manage 80,000+ candidates** from the database, optimizing performance and user experience.
- **Advanced Search and Filtering:** Designed and implemented **pagination, semantic search, multi-faceted filtering** (by **education, location, skills**), significantly enhancing candidate search efficiency.

Projects

Eberspächer HVAC Manag. — Live

- Implemented and managed the **live tracking**, **Debouncing** and **pagination** functionalities, enabling companies to receive real-time updates on the location of their trucks, buses and vehicles.
- Implemented designing principles like **DRY**, **KISS- keep it simple stupid**.
- The application has been optimized to perform efficiently even in low network conditions.
- Additionally, the size of the application has been reduced to minimize data usage and storage requirements.

Bhabh.ai Data Platform

- Spearheaded Next.js development initiatives for Bhabha.ai, an AI-centric enterprise, focusing on crafting a robust Data Platform. Live.
- Orchestrated the integration of cutting-edge technologies such as TailwindCSS and Redux.

GFG Chapter KIET Official Website — Live

- As Technical Head for the GFG Students Chapter of KIET, conceptualized, designed, and maintained an attractive and user-friendly website for the club.
- Implemented responsive web design techniques to ensure a seamless experience across various devices and screen sizes.

Technical Skills

Languages: Java, JavaScript, TypeScript, HTML/CSS.
Tools & Frameworks: React.js, Next.js, Node.js, Express.js, Redux, Bootstrap, Tailwind CSS, WordPress.
Databases: SQL, MongoDB, ReactFlow, Firebase.
Coding Profiles: LeetCode　—　GitHub　—　Portfolio.

Achievements and Contributions

- **Hackathons:** Winner - TechHacks 3.0 @ Chitkara University, Top 5 - Endeavour @ KIET, Code Gladiators Finalist.
- **Coding:** 500+ problems solved across platforms like LeetCode, GFG, and CodeStudio.