

TUSHAR KUMAR PATEL

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[Portfolio](#)

Versatile Software Developer with extensive experience in developing innovative and efficient solutions across DevOps, cloud, full-stack, and web development. Proficient in HTML, Tailwind CSS, ReactJS, NodeJS, Docker, Kubernetes, Terraform, GitHub Actions. Adept at creating robust, user-friendly applications, and enhancing system integrations. Ready to take on new challenges and drive innovation in tech environments.

PROFESSIONAL EXPERIENCE

Varahe Analytics Pvt. Ltd. Consultant

Bangalore, Karnataka
May 2023 - Feb 2024

- Led the development of an upgraded Web App for Weekly and Monthly Reports, using **HTML, Tailwind CSS, ReactJS, NodeJS, ExpressJS, Docker, Kubernetes, Terraform, GitHub Actions**:
 - Designed and implemented a user-friendly interface for generating and visualizing weekly and monthly reports, increasing report generation speed by 30%.
 - Integrated dynamic charts and graphs using libraries such as **Google Chars**, and **Recharts** enhancing data visualization and reducing report generation time by 20%.
 - Collaborated with cross-functional teams to gather requirements, resulting in seamless backend integration and improved data consistency by 25%.
- Contributed to the creation of an Audit App for Survey Data using **HTML, Tailwind CSS, ReactJS, Docker, Kubernetes, Terraform, GitHub Actions**:
 - Developed a robust audit app to review and validate survey data, ensuring data accuracy compliance and reducing data errors by 40%.
 - Conducted user training sessions, increasing auditing process efficiency by 35%.
- Contributed to the Redesign and Enhancement of the Website using **HTML, CSS, ReactJS, JQuery, NodeJS, Docker, Kubernetes, Github Actions**: <https://varahe.com/>
 - Led the redesign of the company website to reflect a modern and responsive design, improved user engagement by 25%.
 - Collaborated with HR and design teams to ensure brand consistency, resulting in a 20% increase in user satisfaction ratings.

Flip Robo Technologies Data Analyst

Bangalore, Karnataka
June 2021-Feb 2022

- Generated datasets using web scraping tools such as BeautifulSoup, Scrapy, and Selenium with Python, leading to a 30% increase in data collection efficiency.
- Cleaned and processed data, removing 95% of inconsistencies and errors, ensuring high-quality datasets.
- Visualized datasets using tools like Scatterplot, Histogram, Bar chart, Countplot, Boxplot, Heatmap, and Distplot, improving data presentation and understanding by 40%.
- Conducted EDA on datasets, uncovering key insights and trends that informed strategic decision-making.

PROJECTS

1. [PORTFOLIO WEBSITE](#) using **ReactJS** with integrated email service facilitated by **EmailJS**.
2. **Developed browser extension** to fetch all open tab links at once using **HTML, JSON, JavaScript, and CSS**.
3. **Developed browser extension** to play phone-stored music on a laptop using **HTML, JSON, JavaScript, and CSS**.
4. **E-Commerce Website** using **NextJs, TypeScript, React, Clerk, Shadcn, NodeJs, TailwindCSS**.
5. **Web-Scraping** of Data from X(Twitter), and Meta(Facebook) using **Python, Selenium, Pandas, BeautifulSoup, and Git**.
6. End-to-End ETL Process for **Web-Scraped Data**: using **C#, Python, Selenium, Git, and CsvHelper**.
7. **STUDENT MANAGEMENT SYSTEM** using **Java, SpringBoot, MySQL, Git, and ReactJS**.

SKILLS

ReactJs	JavaScript	NodeJs	Tailwind CSS	MySQL	MongoDB	Core Java	Git
SpringBoot	Azure	Docker	Github Actions	Kubernetes	Terraform	Kubernetes-Admin	

EDUCATION

- **CDAC**, Post Graduate Diploma in Advanced Computing (**CDAC, Bangalore**)
- **RGPV**, Bachelor of Engineering in Mechanical Engineering
- **KENDRIYA VIDYALAYA**, Higher Secondary School Certificate (HSSC)
- **KENDRIYA VIDYALAYA**, Secondary School Certificate (SSC)