Ish Thumber

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github.com/IshThumber

SKILLS

Programming Languages: *(C++, JavaScript, Python)*, **Development Frameworks:** *(React.js, Node.js, Express.js, TailwindCSS)*,
Database Systems: *(PostgreSQL, MongoDB)*, **Database (ORM):** *(Prisma)*,
Software Tools: *(Apache Spark, Canva, Docker, Figma, Git and GitHub, Kubernetes)*

EXPERIENCE

Mayds (Indian Institute of Technology, Delhi Start-up)　　　　　　　　　　May 2023 – July 2023
Web Developer　　　　　　　　　　　　　　　　　　　　　　　　　　　　　New Delhi, India
- Design website layouts to achieve an intuitive user interface.
- Collaborate with the development team to meet client requirements and deliver high-quality web solutions.
- Prepared web applications with interactive and visually appealing UI using HTML/CSS, JavaScript, and React, resulting in a 25% increase in user engagement.

Paropkaaree Foundation　　　　　　　　　　　　　　　　　　　　　　　May 2023 – July 2023
Web Developer　　　　　　　　　　　　　　　　　　　　　　　　　　　　　New Delhi, India
- Redesigned the NGO website, resulting in a more intuitive user interface with the assistance of Tailwind CSS and achieving a 20% performance improvement.
- Successfully integrate a secure payment gateway, enabling safe and seamless online donations.
- Increased website accessibility by 40%, reduced website loading time by 200ms

Motorola Solutions　　　　　　　　　　　　　　　　　　　　　　　　　May 2022 – November 2022
Big Data Anlyatics Engineer　　　　　　　　　　　　　　　　　　　　　　Bengaluru, India
- Extracted and processed substantial datasets from Azure ADLS and pipelines using Apache Spark queries.
- Orchestrated deployment of Python with PySpark on Kubernetes, resulting in a 30% reduction in script execution time.
- Implemented routine deployment through cron jobs, enhancing efficiency by automating deployment processes.

PROJECTS

FinVue
- Developed a **financial data visualization** and analysis platform using **Postgres, Prisma, React, and Tailwind**.
- Optimized data retrieval and storage efficiency by 30%, resulting in faster query execution and improved system performance.
- Developed **interactive charts and graphs** with React, leading to enhanced user engagement and data comprehension.

ChatBot Application
CVM Hackathon
- Successfully developed a **chatbot** application with **Python, Flask, SQLite 3, PyTorch, NLTK, and Spacy**.
- Demonstrated a quick understanding of the entire codebase and ensured its flawless functionality within **36 hours**.
- Achieved recognition as a **finalist**, surpassing approximately **600 competing teams** at the state level.

PhD Admission Portal
- Developed a **web application** for streamlining the **PhD admissions** process at Charusat University using **PostgreSQL, Express, Node, and React**.
- Designed an **intuitive and user-friendly interface** accommodating three distinct user roles: **candidates, faculties, and deans/administrators.**
- Implemented email verification for candidate authentication.
- **Reduced** administrative **processing time by 20%**, optimizing workflow efficiency for staff and applicants.
- **Dockerized** the PhD server and deployed it in the cloud using **GitHub Actions** as a robust **CI/CD pipeline**, enabling automatic updates to the **AWS EC2 instance** with each commit.

Report Mark
- Led a team in developing a user-friendly **PostgreSQL, Express, Node, and React** web app for **efficient school report card creation**.
- Designed an innovative system tailored to educators' and administrators' needs using cutting-edge web technologies.
- Reduced report card generation time by 25%, significantly enhancing school efficiency.

EDUCATION

Charotar University of Science and Technology　　　　　　　　　　September 2020 – May 2024
B. Tech in Computer Engineering　　　　　　　　　　　　　　　　　　　　Changa, India
　CGPA: 8.52.

IDP School　　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2019 – March 2020
12th Grade in Science　　　　　　　　　　　　　　　　　　　　　　　　　Ahmedabad, India
　Score: 80% (CBSE)

CERTIFICATES

Cisco Certified Network Associate (CCNA) *(200-301)*, **Udemy Online Course: Hands-On Mastering DevOps: CI and Jenkins Pipelines in AWS** 🔗

VOLUNTEER

Core Team Member of CodePie 3.0
- Served as a backend developer for the CodePie event website, building and implementing a server infrastructure to handle registration efficiently.

Hands on Docker and Kubernetes
- Delivered over **10 hours of lectures and laboratory classes** on Docker and Kubernetes to a diverse **group of 80+ students**.
- Focused on teaching the **practical application of Docker and Kubernetes** in real-world scenarios.