HARSHIT SINGHAI

Graduate in Computer Science & Engineering - IOT & IS

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📍 Hyderabad, India

SUMMARY

Highly motivated Computer Science and Engineering graduate with a stellar academic record and a passion for technology. Participated in various cultural, science exhibitions, and sports events in Schools and Manipal University, showcasing a well-rounded skill set. Notable achievements include receiving Excellence awards for outstanding academic performance during B-Tech and securing a State-level championship in Abacus. Driven by a strong desire to make a meaningful impact in the field of computer science, dedicated to staying updated on industry advancements, and leveraging knowledge to solve complex challenges. A versatile and dynamic professional ready to thrive in a dynamic and evolving technological landscape.

EDUCATION

B.Tech (Hons) in Computer Science & Engineering with IoT and Intelligent Systems (Reg.No.219311209)
2021 - Present

Manipal University   Jaipur, India

CGPA | **9.0** / 10.0

Senior Secondary School
01/2020 - 2021

P. Obul Reddy Public School   Hyderabad, India

Percentage | **93.4** / 100

Secondary School
2018 - 2019

P. Obul Reddy Public School   Hyderabad, India

Percentage | **94.6** / 100

PUBLICATIONS

An Experimental Analysis of Brain Stroke Prediction Using Machine Learning Algorithms (DOI:10.1109/ IATMSI60426. 2024. 10503299)
04/2024

Institute of Electrical and Electronics Engineers - IEEE

🔗 https://ieeexplore.ieee.org/document/10503299

EXPERIENCE

Project Intern - Industry 4.0
06/2024 - Present

Elfonze Technologies Pvt. Limited   Bengaluru, India

- Collaborating on an R&D project to automate candidates profile matching with the job description using Python and Machine Learning technologies.
- Developing backend logic for a Talent Management platform using Java and Spring Boot.
- Implemented authentication and authorization mechanism using SMTP and email verification, Spring Security and JWT authentication.

Summer Intern - Online Mode
05/2024 - Present

Celebal Technologies   Jaipur, India

- Developing a user registration and login system to enable personalized access within a Service Desk Application, utilizing React JS. In addition, I am crafting a React-based Admin Dashboard application that features customizable themes, tables, charts, and a Kanban board for enhanced project management and analytics

ACHIEVEMENTS

✳ **Dean's Excellence Award in Academics in B.Tech 2nd & 3rd Year**

In Recognition of having received the highest Grade points

🏆 **Won State Level Championship Trophy for UCMAS Abcaus Program**

Participated in the 10th State-level UCMAS Abacus and Mental Arithmetic Competition in 2014 and achieved a CHAMPION Rank

CERTIFICATIONS

Programming and Database

- The Complete 2023 Web Development Bootcamp (through Udemy)
- Introduction to Python Programming by University of Pennsylvania | Coursera - Oct, 2022
- Introduction to **Java** and **Object-Oriented** Programming by University of Pennsylvania | Coursera - Nov, 2022
- **Programming Fundamentals** by Duke University | Coursera - Sep, 2022
- **Data Structures** by University of California San Diego | Coursera - Nov, 2022
- **Database Foundations** by Oracle Academy

Data Science and Machine Learning

- Python for **Data Science** and **Machine Learning** Bootcamp | Udemy - Sep, 2023
- **NLP** in TensorFlow by DeepLearning.AI | Coursera - Sep, 2023

SKILLS

Languages

Java · Java Script ES6+ ·Spring Boot ·

React JS ·SQL · Python

Developer Tools:

Visual Studio Code·GIT ·GitHub ·Postman ·

PgAdmin4·MongoDB ·Compass ·

Google Colab ·Jupyter Notebook

Office Tools:

MS Word ˌMS Excel ˌMS PowerPoint ˌ

MS Outlook   ClickUp

PROJECTS

Quiz Application
06/2024 - 06/2024

The application enables users to take quizzes with multiple-choice questions and receive scores based on their answers.

TechStack: Java, Spring Boot, Spring Data JPA, PostgreSQL
Tools: IntelliJ IDEA, Postman, pgAdmin4, Git, GitHub
- Developed backend with Spring Boot and Spring Data JPA, implementing RESTful APIs for handling CRUD operations on quizzes and questions.
- Utilized PostgreSQL for database management, storing quiz questions and user responses securely. Integrated services for dynamic quiz management and scoring.
- Applied MVC pattern and tested API endpoints using Postman for robustness

http-status-message npm Package
05/2024 - 05/2024

A comprehensive npm package providing tailored HTTP status code messages for web applications and APIs.

TechStack: TypeScript, Node.js, npm
Tools: Visual Studio Code, Git, GitHub
- Developed the getStatusMessage API to return status messages and emojis based on HTTP status codes and specified tones.
- Supported various message tones, including formal, informal, straightforward, technical, funny, empathetic, educational and shorts.
- Enabled clear communication with customizable message tones for different user interactions
- 🔗 https://www.npmjs.com/package/http-status-message

Food Ordering Chatbot
04/2024 - 04/2024

Let users place and track orders by integrating a chatbot into the web application.

TechStack: HTML5, Tailwind CSS, Javascript ES6+, Typescript 5+, React JS, Python, Fast API, MySQL
Tools: Visual Studio Code, Google Dialogflow, Git, Github, MySQL Workbench, ngrok
- Developed an AI-driven food ordering chatbot with Google Dialogflow for NLP
- Implemented dynamic order management with FastAPI and MySQL for real-time tracking and updates.
- Created a responsive web interface using React.js and TypeScript, featuring order status tracking and contextual prompts.

WorkNow-Task Management Web App
02/2024 - 03/2024

WorkNow Web App enables users to efficiently plan, organize, and track tasks and projects. Implemented features such as task creation, real-time updates, and user authentication to enhance productivity and efficiency.

TechStack: HTML5, CSS3, Javascript ES6+, Typescript, ReactJS, NodeJS, ExpressJS, Redux Toolkit, RESTful APIs, MongoDB Atlas, Tailwind CSS
Tools: Visual Studio Code, Git, Github, Postman, MongoDB Compass
- Utilized React Hooks to optimize component rendering, resulting in faster load times and smoother user interactions.
- Integrated Redux Toolkit for centralized state management, resulting in a responsive and scalable application architecture.
- Implemented secure user authentication with JWT (JSON Web Tokens) for Token based authentication and role-based access control (RBAC)