



SHIVSHANKAR KUMAR

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Objective

As a recent postgraduate in Master of Computer Application, I am enthusiastic about launching my career as a software engineer. With a strong academic foundation and hands-on experience from personal projects, I am eager to apply my React, Node.js, and TypeScript skills to real-world challenges. I am committed to learning, collaborating, and contributing to innovative software solutions.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, C++, SQL
Frontend: React, CSS, Tailwind CSS, HTML, Redux
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, MySQL
Developer Tools: VS Code, Git
Technologies: Linux, GitHub, bash
Other Skills: Problem-solving, Team collaboration, Agile development

Education

National Institute of Technology, Warangal

Oct 2021 – Aug 2024

Master of Computer Application (MCA)

Warangal, Telangana

Magadh University

April 2017 – Dec 2020

Bachelor of Computer Application (BCA)

Bodh Gaya, Bihar

Relevant Coursework

- Data Structures and Algorithm
- Database Management System
- Software Engineering
- Web Development
- Computer Network
- Cloud Computing

Projects

Gym Reservation Bot | *Python, Selenium, Google Cloud Console*

January 2021

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Ticket Price Calculator App | *Java, Android Studio*

November 2020

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

AI-Powered Business Name Generator | *Next.js, Tailwind CSS, Google Gemini (AI)*

February 2025

- Built a user-friendly web app using Next.js and Tailwind CSS to help users generate unique business name ideas.
- Used Google Gemini AI to suggest creative business names based on the name idea and business description.
- Added real-time domain availability check to ensure users can choose names with available domains.
- Designed a clean, responsive UI to provide a smooth and efficient branding experience for entrepreneurs.

Leadership / Extracurricular

Fraternity

Spring 2020 – Present

President

University Name

- Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.