

AKASH SINGH

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PROFILE INTRODUCTION

I am seeking an entry-level position as a Software Engineer to kickstart my career, where I can further develop my knowledge in the IT domain and apply my technical skills to contribute to project and organizational success. I have recently completed my Master of Computer Applications (MCA) from KIET Group of Institutions, Ghaziabad.

TECHNICAL SKILLS

- Languages: Basic C, Core Java, Python 3.0, HTML5, CSS3, JavaScript, PHP
- Databases: MySQL
- Tools: VS Code, Turbo C, XAMPP

EDUCATION

KIET Group of Institutions (University-AKTU)	July 2022 – July 2024
MCA	Ghaziabad, India
School of Management Science, Varanasi (University-MGKVP)	July 2018 – October 2021
Bachelor of Computer Application	Varanasi, India
Maa Saraswati Inter College	May 2016
Intermediate (UP Board)	Varanasi, India
SH Shobhnath Mishra Inter College	May 2014
High School (UP Board)	Varanasi, India

PROJECTS

1. Online Auction System

- **Project Description:** The Online Auction System is a dynamic web application designed to facilitate online auctions for various goods and services. Sellers can list items for auction, set starting prices, and manage bids, while buyers can browse listings, place bids, and track auction progress in real-time. The platform ensures user authentication, and features a robust admin panel for overseeing auctions and resolving disputes.
- **Role: Developer**
 - Created user authentication system with secure login functionality for sellers and buyers using HTML-5 and CSS-3.
 - Developed a user-friendly interface for sellers to list items for auction, including options for setting starting prices and bid increments.
 - Implemented real-time bidding functionality for buyers using JavaScript, allowing them to place bids and monitor auction progress.
 - Integrated PHP for server-side scripting to handle backend processes such as database operations.
 - Designed and implemented a comprehensive database schema using MySQL.
- **Technology: - HTML-5, CSS-3, JavaScript, PHP, MySQL.**

“This project represents an ongoing effort to develop a fully functional online auction platform. I am continuously working on enhancing its features and improving its performance to provide users with a seamless auction experience.”

2. Hospital Management System

- **Project Description:** Developed a Hospital Management System web application, optimizing administrative and operational workflows in healthcare facilities. Streamlined patient management, appointment scheduling, billing, and inventory control, enhancing efficiency and patient care.
- **Role: Developer**
 - Created user-friendly interfaces with HTML-5 and CSS-3 for healthcare professionals and administrative staff, ensuring seamless user experiences.
 - Utilized JavaScript to implement dynamic features such as interactive forms, real-time data validation, and responsive layouts to enhance usability across devices.
 - Implemented server-side scripting with PHP to handle backend processes such as data processing, user authentication, and database interactions.
- **Technology: HTML-5, CSS-3, JavaScript, PHP, MySQL**
 - “Developed a user-friendly interface for the Hospital Management System which included real-time reporting capabilities; this innovation reduced data entry errors by 25% and improved the accuracy of patient information processing.”
 - Implemented an integrated module for appointment scheduling within the Hospital Management System; this feature increased appointment booking efficiency, resulting in a daily average of 200+ successful patient bookings without additional staffing.

COCURRICULAR

Programming, Data Structures and Algorithms-TCS ION (14-Jun-2020)
DB Master Quiz (15-Jun-2020)
Introduction to Artificial Intelligence - TCS ION (25-Jun-2020)

EXTRACURRICULAR

Participation in the Ideathon'23
Entrepreneurship Awareness Camp (3-Jan to 5-Jan 2019)

CERTIFICATIONS / MOOCS

Programming Fundamentals using Python - INFOSYS (10 August 2024)
Introduction to Java - COURSERA (28 May 2023)
JavaScript Essentials - CISCO (28-Apr 2023)
Introduction to Cybersecurity Foundations - COURSERA (15 Mar 2023)
Programming Essentials in C - CISCO (15 Feb 2023)