

SHIVANSH OJHA

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OBJECTIVE

Innovative and dedicated **Software Engineer** aspiring to contribute to the design, development, and testing of next-generation software solutions as well as designing database Architecture. Passionate about leveraging technical expertise and creativity to solve complex problems in a collaborative team environment, while continuously learning and adopting cutting-edge technologies.

EDUCATION

Maharana Pratap Engineering College

Bachelor Of Technology – Computer Science

Kanpur, Uttar Pradesh

September, 2021 - pursuing

Kendriya Vidyalaya

Intermediate

Kanpur, Uttar Pradesh

Feb, 2017 – March, 2018

Air Force School

High School

Kanpur, Uttar Pradesh

Feb, 2019 – March 2020

CERTIFICATIONS

- **Introduction to C Programming** – NPTEL
 - **Microsoft Azure Fundamentals (AZ-900)** – Microsoft Azure
 - **Introduction to Front-End Development** – META
 - **Programming with JavaScript** – META
 - **Programming, Data Structures and Algorithms using Python by NPTEL** – NPTEL
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ACHIEVEMENTS

- Participated in the All India Hackathon by ISKCON, showcasing problem-solving skills in a competitive setting.
 - Consistently ranked among the top performers in college coding challenges.
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TECHNICAL SKILLS

- **Programming Languages:** C, C++ (Advanced), Python (Intermediate), Java (Basic)
- **Software Development:** Object-Oriented Programming (OOP), Test-Driven Development (TDD), Debugging
- **Web Development:** React.js, Bootstrap, Tailwind, HTML, CSS, JavaScript
- **Cloud & Infrastructure:** Microsoft Azure
- **Databases:** MySQL, MongoDB, Flutter, Oracle
- **Tools & Platforms:** Git, Linux, Windows
- **Core Concepts:** Data Structures, Algorithms, Computer Networks, and Software Design Principles

PROJECTS

ERP System for College – *Backend Developer*

- Designed and developed backend services using MySQL and hosted on AWS to streamline student enrolment, faculty management, and course tracking.
- Ensured scalable and efficient data processing by implementing **optimized database queries and adhering to best practices for enterprise systems.**

Group Attendance Marking System – *Lead Developer*

- Built a machine learning-based system for automating attendance from group photos using Python and MTCNN.
- Focused on scalability, algorithm optimization, and troubleshooting to ensure high accuracy in multi-face detection and recognition.

Maitri Website – *Full-Stack Developer*

- Developed a mental wellness platform incorporating React.js for front-end design and seamless user experience.
- Implemented features like motivational blogs, consultation booking, and yoga resources to enhance accessibility and engagement.

“Vidhan” The Crypto Price Database

- Developed a NoSQL database using MongoDB to store and analyse real-time cryptocurrency data fetched via APIs.
- Enabled fast retrieval and analysis using advanced aggregation pipelines, benefiting users with quick insights.

EXPERIENCE

Volunteer Developer — Tech-e-Clan (2023 - Present)

- Worked on web-based applications, specializing in front-end development with React.js and supporting back-end workflows.
- Enhanced team productivity through agile practices, peer code reviews, and collaborative development of process workflows.

Freelance Web Developer — Independent (2023 - Present)

- Developed responsive, web-based applications for multiple clients, focusing on user-friendly interfaces and performance optimization.
- Leveraged HTML, CSS, JavaScript, and React.js to create dynamic, customized web solutions.

ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Hindi
- **Hobbies:** Coding, Reading about new technologies, Basketball, Music

