

# Akash Ojha

## Software Engineer

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Portfolio GitHub



## SUMMARY

A highly motivated and detail-oriented Software Engineer with a strong foundation in C++ for Data Structures and Algorithms and expertise in developing robust web applications using the MERN stack. Passionate about problem-solving and building user-centric software solutions. A fresher eager to contribute innovative ideas and technical skills to dynamic projects in a collaborative environment

## EDUCATION

### Batcher Of Technology (B.Tech)

Shri Ram College of Engg. & Management

08/2022-06/2026

### Higher Secondary (Class 12th), MPBSE

Janakgang, Govt. H.S school

06/2021-04/2022

### High School (Class 10th)

Well Care Public High School

06/2019-04/2020

## SKILLS

- **Programming Language** : C++, Javascript
- **Web Development** : MERN Stack
- **Tool & Platform** : Git, GitHub, Visual Studio Code
- **AI** : Gemini LLM model (API integration)
- **Other skills** : RESTful API Development, Responsive Web Design, Debugging

## CERTIFICATE

### C++ Programming Certificate

Certified in C++ programming with focus on OOPs and problem solving

### Javascript Programming Certificate

Complete javascript certification convering core concepts and DOM manipulation

## PROJECTS

### C++ Banking System

Developed a command-line banking system using C++ that allows users to: Open bank accounts, check balances, deposit money, and withdraw funds. Implemented secure transaction handling and user-friendly operations.

### AI-Powered E-commerce Website (MERN Stack)

**Tech Stack:** MongoDB, Express.js, React.js, Node.js, Razorpay, Gemini AI

**Description:** Developed a full-stack E-commerce platform with User, Seller, and Admin roles, featuring AI-powered product search and an AI shopping assistant.

#### Key Features:

Users can search, add to cart, and buy products with Razorpay online payment. AI agent suggests products and answers user queries. Sellers can manage products, orders, profit, and payment history. Admin can approve sellers, manage payments, and view platform profit.

### Help Desk Ticketing System

Built a full-stack help desk application where customers can register, raise support.

tickets, and track status. Agents can view and respond to tickets, while the admin has full control over users and tickets with role-based access. Implemented secure.

authentication, dynamic dashboards, and real-time ticket updates.