

# GAURAV SHIDHESWAR MAGAR

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## SKILLS

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**Programming Languages:** C++, C, Java, JavaScript, Python, SQL  
**Technologies:** React.js, Node.js, Express.js, Docker, AWS(S3)  
**Database Systems:** MongoDB, MySQL (Relational Database)  
**Development Tools:** VS Code, Eclipse, IntelliJ IDEA, Git, Github  
**Soft Skills:** Leadership, Communication, Adaptability, Innovative

## PROJECTS

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### Third Eye 📷

- Developed a scalable and fault tolerant forensic sketch application, integrating deep learning models with cloud storage to improve identification accuracy by 40%.
- Optimized system architecture for high-speed processing, reducing response time by 50% while ensuring scalability and reliability with AWS-S3.
- Implemented an AI-driven adaptive learning mechanism that refines sketch to face matching accuracy over time, improving robustness of the model by 20%.
- **Tools:** Java, AWS-S3, Java Maven.

### Study Notion 📖

- Built a scalable and high performance study platform, ensuring efficient knowledge sharing and increasing user engagement by 30%.
- Integrated a secure payment gateway, improving the efficiency of the transaction by 40%.
- Optimized database queries and caching mechanisms to enhance performance in a distributed environment.
- Introduced AI-powered personalized course recommendations, increasing user engagement and retention by 25%.
- **Tools:** React, Node, MongoDB, Express

### Facial Recognition Attendance System

- Implemented real time facial recognition technology, improving attendance tracking accuracy by 40%.
- Automated the attendance process, increasing efficiency by 35% and reducing manual errors.
- Built fault tolerant and scalable architecture for seamless real time processing.
- Integrated multi factor authentication for added security, reducing spoofing risks by 30%.
- **Tools:** HTML, CSS, PYTHON, PHP

## ACHIEVEMENTS

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- Deployed the Attendance system across the college campus for streamlining attendance management for students and faculty.
- Solved 1000+ Data Structure and Algorithms problems across platforms like **LeetCode**, **GFG**
- Ranked **1819** out of 32,166 in LeetCode Contest 399.

## EDUCATION

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**Government College of Engineering Aurangabad, Maharashtra** Sep. 2021 - April 2025  
B.Tech Information Technology CGPA: 7.2/10  
**Coursework:** Data Structures, Operating system, Object-Oriented programming, DBMS

**Vivekananda College** June 2019 - April 2021  
Class 12 - 90.17%

**Saint Meera High School** June 2018 - April 2019  
Class 10 - 84.20%