Gaurav Siddheshwar Magar

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Education

Government College of Engineering Aurangabad, Maharashtra | **July 2021 – June 2025**
Bachelor of Technology in Information Technology | *CGPA - 7.049*

Vivekanand College, Maharashtra | **June 2019 – April 2021**
Class 12th | *Percentage - 90.17%*

Saint Meera High School, Maharashtra | **June 2018 – April 2019**
Class 10th | *Percentage - 84.20%*

Projects

StudyNotion

- Developed a feature rich ed-tech platform for creating, purchasing, and rating educational content, significantly enhancing the overall learning experience for users across various devices.
- Enhanced search and data retrieval performance by optimizing queries within a high traffic operational insights platform.
- Integrated cloudinary for optimized video and image uploads access the platform and implemented role based authentication also.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB

Third Eye

- A forensic face recognition tool that matches police sketches to real faces and cloud based infrastructure.
- Ensured data privacy by encrypting facial data in cloud system, handle sensitive identity data and implemented a learning mechanism to refine facial matching over time.
- Reduced latency by optimizing cloud request patterns and using AWS S3 which improved system performance and scalability.
- **Tech Stack:** Java, Maven, AWS-S3, JavaFX

Attendance using Facial recognition

- Implemented automated attendance tracking with real time facial recognition.
- Automated the attendance process, increasing efficiency and reducing manual errors.
- Implemented real time face recognition system for automated and contactless attendance tracking.
- **Tech Stack:** HTML, CSS, JavaScript, Python, PHP

Technical Skills

Languages: C++, JavaScript, SQL, Shell Scripting
Frameworks & Libraries: React.js, Express.js, Tailwind CSS
Databases: MySQL, MongoDB
Tools & Platforms: Linux, AWS, Git, VS Code, Eclipse, IntelliJ IDEA

Coursework

Data Structures and Algorithms, Object Oriented Programming, Operating System, Database Management System

Achievements

- Ranked **1819/32,166** in LeetCode Contest 399 and **2963/35,629** in LeetCode Contest 464.
- Solved **1,000+ DSA** problems across platforms **LeetCode**, **CodeChef** and **GFG**.
- Contributed to Open Source projects including organizations like Sugar Lab and Cal.com.
- Deployed a facial recognition attendance system campus-wide.
- Member of Student alumni team and Training and Placement Coordinator in College.