

Gaurav Somnathe

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Education

Bapurao Deshmukh College Of Engineering , Sewagram(Wardha)

B.Tech In Computer Engineering. - CGPA - 7.72

Sewagram, Wardha

Aug. 2020 – 2024

Deepchand Choudhary Jr College, Seloo.

State Board Class 12th – Score: 61.85%

Seloo, Wardha

March 2020

Work Experience

WideSoftech Intern,

Nagpur, India

Jan 2024– July 2024

Certificate

- Task: Full-stack development using React for UI components and Node.js/Express for backend APIs.
- Details: Contributed to the Demand Planning project by designing and implementing the user interface. Developed backend APIs in Node.js/Express to integrate the UI with the application, ensuring smooth data flow and functionality.

Technical Skills

- Languages: HTML, CSS, JavaScript, Node.js, MongoDB.
- Web Development: MERN Stack (MongoDB, Express, React.js, Node.js).
- Core Subjects: Operating Systems, Computer Networks, DBMS, OOPS.
- Developer Tools & Technologies: Bootstrap, Git, GitHub.

Coding Profiles

- GitHub: github.com/gauravsomnathe
- LeetCode: leetcode.com/gauravsomnathe

Projects

Preschool Website

- Developed a complete website for a preschool using the MERN Stack (MongoDB, Express, React, Node.js).
- Features include an online admission form, class schedules, teacher profiles, and a gallery showcasing school events.

Road Lane Detection using Deep Learning

Technologies Used: Python, OpenCV, NumPy

- Designed a road lane detection system using deep learning techniques and image processing with OpenCV.
- Implemented real-time lane detection from video streams and images using edge detection and Hough Transform.
- Applied color thresholding, region masking, and perspective transformation for accurate lane identification.
- Optimized the system for efficient processing and real-time detection on video footage.
- Successfully achieved robust lane detection under various lighting and weather conditions.

Achievements and Interests

- 160+ Followers on LinkedIn where I talk about Web Development and networking for developers.
- Passionate about fitness and regular at the gym, focusing on strength training and overall well-being.
- Certified in Cloud Computing from NPTEL.