

Kalpesh Sunil Patil

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Skills

Languages: C/C++, Java, Python, JavaScript, SQL.

Technologies & Tools: MERN Stack, Full Stack, MongoDB, cPanel, Git, Figma.

Work Experience

ACM Student Chapter, SVKM-IOT

July 2025 - Present

WebMaster

- Managing and maintaining the official student chapter website through cPanel, ensuring smooth functionality and with regular updates.
- Ensuring website security, backups, and accessibility for all chapter members.
- Visual Studio Code, cPanel, Percipio, HTML, CSS, JavaScript, Git.

OctaNet Services Pvt Ltd

July 2024- Sept 2024

WebDevelopment Intern

- Developed and maintained responsive web applications with a focus on user-friendly interfaces.
- Collaborated with cross-functional teams to deliver projects on time and within scope.
- Visual Studio Code, HTML, CSS, JavaScript, Mongosh-MongoDB.

Education

SVKM's Institute of Technology, Maharashtra

Sept 2023- Dec 2027

B.E. in Computer Science and Engineering

CGPA: 7.01/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Advance Data Structures and Algorithms, Image Processing.

North Point School, Maharashtra

Sept 2023- Dec 2027

Middle School

GRADE: A+

Activities and Societies: Member of Orion Group, Scholar of IPO (International Physics Olympiad) and IMO (International Mathematical Olympiad)

Project Work

- **Safe Sprout (2024):** Developed a mobile application focused on women's safety, featuring real-time location tracking, SOS alerts, and communication with trusted contacts and emergency services. Led a team of 4 to enhance user confidence and emergency response, contributing to a safer environment for women.
- **Digital Image Processing System(2024):** Delivered an in-depth seminar on the fundamentals and applications of digital image processing. Covered core topics such as image enhancement, segmentation, feature extraction, and object detection, with a focus on their use in autonomous vehicles.
- **Survey Paper on Digital Image Processing in Autonomous Vehicles(Ongoing):** Currently authoring a survey paper on digital image processing in autonomous vehicles, focusing on object detection, lane tracking, semantic segmentation, and challenges like real-time processing and sensor fusion.

Awards and Certificates

- **Avishkar 2024:** Helping stud for the project "Safe Sprout," focused on enhancing women's safety measures.
- **NISM VA Certification:** For comprehensive knowledge in financial markets and securities, with a focus on investment advisory practices.
- **Best Performance Award:** For Drama at Splash, a college cultural event, for exceptional acting and impactful story telling, contributing to the success of the team performance.
- **Elected as First Year Student Association (FESA):** SVKM's Institute of Technology, Dhule Organized and managed sports events, promoting teamwork and active participation.
- **Contributor to Guinness World Record: Mumbai Hacks (Largest Tech Hackathon):** Contributor in the record setting largest tech hackathon, recognized by the Guinness World Records.
- **Student Member, ACM India and Indian Society for Technical Education(ISTE):** Active member of ACM Student Chapter (Membership No. 4417745) and ISTE(Membership No. 000450, Institute Code MH294),