

SAGAR GIRADKAR

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EDUCATION

Savitribai Phule Pune University (PVG's COET, Pune) Jun. 2021 – Jun. 2025
Bachelor of Engineering Information Technology CGPA: 9.25/10

Nanaji Joshi Jr. College Shahapur (Bhandara) Jun. 2018 – May. 2020
Higher Secondary School Certificate (Maharashtra state) Percentage: 85%

WORK EXPERIENCE

Smile Computer Education Dec. 2024 - May. 2025
Software Engineering Internship Bhandara, India

- Developed a dynamic **website** for the institute, enhancing online presence and boosting student engagement by 45%.
- Built and deployed an **Android app** for 500+ students, providing access to **courses**, **schedules**, and **resources**.

Real List AI Technologies Jul. 2024 - Oct. 2024
React-Native | UX Full Stack Developer Internship Bengaluru, India

- Developed a cross-platform **React Native** app with component-based UI, optimizing **iOS** and **Android** performance.
- Built and deployed **REST APIs** using **Express.js** and **Node.js**, boosting **data retrieval speed** by 40%.

Argyle Enigma Tech Labs Oct. 2023 – Apr. 2024
Software Engineering Internship Ahmedabad, India

- Utilized **JIRA** to efficiently manage tasks, track project, and streamline development cycles for optimal team collaboration.
- Developed and deployed **RESTful APIs**, launching **Fili: Financial Literacy** app, achieving 3K+ downloads within one month.

PROJECTS

Integrated Robotic System for Smart Material Handling and Inspection Dassault Systèmes
• Developed an automated material handling system using **MK2 robotic arm**, **computer vision**, and **deep learning**.
• Achieved 95% defect detection accuracy and reduced processing time by 40% via real-time **object detection**.

AgriVision Crop Cultivation Guidance App Mobile Application
• Built the **AgriVision app** with **REST APIs** for agricultural trading, weather integration, and market insights.
• Delivered crop cultivation lessons, increasing farmer crop yields by 30% through actionable learning modules.

Study Notion E-Learning Platform Web Platform
• Developed the **Study Notion** platform using **React.js** and **Node.js** for responsive, seamless course access.
• Integrated course management, payments, and feedback systems, achieving 85% completion and 50% user growth.

TECHNICAL SKILLS

Programming Languages: JAVA, JavaScript, Python

Frameworks: React-Native, React.JS, Spring Framework, Spring Boot, Microservices, Node.js, Express.js

Databases, Cloud & DevOps: MySQL, MongoDB, Git, GitHub, AWS, Docker, CI/CD Pipelines

ACHIEVEMENTS

- Awarded the **Foundation for Excellence (FFE) Scholarship** for academic achievement and potential.
- Achieved first place in the **ACM Students Chapter PVG's COET Code of Clash Coding Competition**.
- **General Secretary** – VLab Digitizers Forum Club; **Technical Head** – ACM Student Chapter, PVG's COET.

CERTIFICATIONS

- **Java Spring Framework 6 with Spring Boot 3**, Udemy; **ARVR Bootcamp certificate**, CDAC Pune.

RESEARCH PUBLICATION

Paper Accepted: *AI-Driven Integrated Robotic Systems for Smart Material Handling and Real-Time Inspection*, ACE2025-600, **Full Paper**, *GRENZE International Journal of Engineering and Technology*, indexed in **Scopus**, presented at ACE2025, May 28-29, 2025, Trivandrum, India.