

VINAY LENDE

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PROFESSIONAL SUMMARY

Dedicated and solution-oriented Software Engineering graduate with strong technical expertise in Java, Android application development, and full-stack web technologies. Proven capability to design, implement, and optimize scalable modern software architectures, demonstrated through a comprehensive 6-month internship at Websoft Infotech. Possesses robust problem-solving abilities, publication credentials in digital image processing, and a track record of driving institutional efficiency via smart software solutions. Driven by a strong willingness to teach, collaborate, and inspire engineering students as an Assistant Professor. Equipped to deliver clear, structured instruction on core algorithms, neural networks, and modern application development pipelines.

TECHNICAL CORE COMPETENCIES

Programming Languages	C, C++, Java (Core & Advanced), JavaScript, Python
Web & Mobile Frameworks	React.js, Android SDK, HTML5, CSS3
Databases & Tools	MySQL, Relational Database Systems Management
Professional Competencies	Cross-functional Leadership, Technical Communication, Agile Problem Solving
Academic Skillset	Public Speaking, Mentoring, Research Methodology, Interactive Lab Session Planning

PROFESSIONAL EXPERIENCE

Technical Trainer / Instructor A+ Unique Academy

Akola, India
June 2024 – Present

- Delivered comprehensive technical training to students in Full Stack Java, Python, and AI Tools.
- Developed and implemented curriculum designed to enhance student skill development and professional competence.
- Mentored students through practical exercises, ensuring strong technical expertise and hands-on understanding.
- Demonstrated high dedication and professional competence in managing classroom delivery and student engagement.

Android Developer Intern Websoft Infotech

Pune, India
Feb 2023 – July 2023

- Architected and deployed a responsive Android application for Banking Campus Point Academy, establishing streamlined mobile access to institutional study materials for 500+ active students.
- Engineered structural modules showcasing operational course listings, campus infrastructure details, faculty bios, and real-time announcements, achieving a 25% uplift in user interaction metrics.
- Facilitated optimized distribution pipelines for rich multimedia educational content, drastically reducing load latency and transforming institutional knowledge delivery schemas.

ACADEMIC SEMINARS & MENTORSHIP

- Academic Presentation Lead:** Delivered 5+ technical seminars on Advanced Neural Networks and Computer Vision models to student audiences during postgraduate studies.

- **Peer Mentoring:** Guided 10+ junior graduate students with practical Python coding labs, resolving debugging issues and explaining complex algorithms clearly.
- **Lab Content Contribution:** Assisted in creating comprehensive lab manuals and assignments for data structures and introductory machine learning modules.

TECHNICAL PROJECTS

Student Management System

3 Months

- Designed and executed an enterprise-level Student Management System geared toward bridge-building between university faculty members and student clusters.
- Integrated algorithmic modules for student profiles indexing and automated digital attendance tracking, dropping structural processing overhead by 40%.
- Optimized global system architectures to dynamically render critical updates and instant notices on the primary student landing platform.

Cross-Platform Task Management App (To-Do List)

3 Months

- Developed a highly interactive custom mobile application targeting modern day scheduling, supporting priority queuing, deadline flags, and rapid tasks mutations.
- Constructed structural user authentication layers via security best practices to guarantee absolute secure access pipelines.
- Programmed real-time push notification hooks and automated cloud data synchronization layers across distributed client devices.

PUBLICATIONS & RESEARCH CACHET

Research Paper on Image Processing and Its Applications

Investigated digital image parsing architectures optimized for computer vision matrices, feature classification pipelines, and image enhancement methodologies across multi-disciplinary fields including Medical Imaging, Remote Sensing, Meteorology, and Astronomy. Published in JETIR. [Paper](https://www.jetir.org/view?paper=JETIR2211588) Link: <https://www.jetir.org/view?paper=JETIR2211588>

EDUCATION

Master of Computer Applications (MCA)

Vidyabharati Mahavidyalaya, Amravati
Sant Gadge Baba Amravati University

2021 – 2023

Grade: 8.23 / 10 CGPA

Bachelor of Computer Applications (BCA)

Shri Shivaji Science College, Amravati
Sant Gadge Baba Amravati University

2018 – 2021

Grade: 76.00%

CERTIFICATIONS & LANGUAGES

- Professional Certificate in Core Java Programming
- Professional Certificate in Advanced Java Programming
- Certification in Python (CCIT)
- Professional Machine Learning Engineer Certification by Google (*In Progress*)

- What is Data Science (*In Progress*)
- Fundamentals of Machine Learning and Artificial Intelligence
- AI & Machine Learning Engineer Certification Course
- Communication & Employability Skills Training Program

Languages Known: English (Professional), Hindi (Fluent), Marathi (Native)