



RAKSHA K C

AI Engineer intern

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SUMMARY

Software Development Engineering Intern at [Scoop Labs](#) with a strong foundation in front-end development using HTML, CSS, JavaScript, and React. Medical Electronics undergraduate at BMS College of Engineering with experience developing web applications and solving technical challenges in collaborative environments. Proficient in AI-assisted development using Open AI, Claude, Gemini, Cursor, GitHub Copilot, Codex, and Figma AI to accelerate coding, debugging, documentation, UI design, and workflow automation. Quick learner with strong problem-solving abilities, adaptability, and a passion for building scalable software solutions and innovative technology products.

EXPERIENCE

Software Developing Engineering Intern

Apr 2026 — Current

Scoop Labs - Bengaluru, IN

Intern

Jul 2025 — Aug 2025

Sri Jayadeva Institute of Cardiovascular Sciences and Research
- Karnataka, Bengaluru

Collaborated with the Biomedical Engineering team to enhance software efficiency by identifying and resolving technical issues, contributing in improvement in system performance during the internship.

EDUCATION

BMS College of Engineering

Sep 2023 — Current

Karnataka, Bengaluru | Bachelor's Engineering, Medical Electronics Engineering

ACHIEVEMENTS

- Developed and maintained responsive web pages for multiple client and company projects using HTML, CSS, JavaScript, and React.
- Built dynamic blog page functionality to improve content management, scalability, and user experience.
- Created and optimized technical content and landing pages for the "Write for Us" section and Numa Soft blog platform.
- Collaborated with cross-functional teams to implement website enhancements, UI improvements, and performance optimizations.

SKILLS

- Front end development
- HTML
- CSS
- JS
- React
- Python
- MATLAB
- Software development fundamentals
- Teamwork and collaboration
- Open AI
- Claude
- Cursor
- Figma AI
- Gemini AI

- Designed and developed an AI-Integrated Smart Automated Syringe Injector prototype using ESP32, ultrasonic sensing, OLED display, A4988 driver, and NEMA 17 stepper motor for automated and precise drug delivery.
- Implemented sensor-based feedback control algorithms for real-time depth estimation, motion control, and automated injection cycles.
- Demonstrated expertise in embedded systems, IoT development, electromechanical actuation, and healthcare technology prototyping.

CERTIFICATIONS AND LICENSES

MATLAB - App building onramp, Machine Learning.
Machine Learning using Python Certificate by Simplilearn
IBM - Machine Learning using Python

HOBBIES AND INTERESTS

- Musician
- Classical Dancer
- Books
- Journalism