

# Jisa Joy

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## SUMMARY

Dedicated Computer Science student with a strong foundation in programming, algorithms, and software development principles. Passionate about leveraging academic knowledge and project experience to contribute to real-world software development challenges. Eager to apply skills and grow professionally in a dynamic technology-driven environment.

## EXPERIENCE

<b>Qspiders Global</b> <i>Java Full Stack Intern</i> Collaborating on end-to-end development of full stack web applications using Java	Kochi June 2025-present
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## TECHNICAL SKILLS

**Programming Languages:** C, Python, Java

**SQL:** MySQL

**Tools :** VS Code

## PROJECTS

<b>SafeScope - Intrusion Detection System</b> <i>Deep Learning Project</i> <ul style="list-style-type: none"><li>Achieved 92% accuracy in real-time detection of fire, weapons, persons, and vehicles using YOLOv5 via Roboflow API.</li><li>Reduced response time by 40% with automated alerts using Pygame and dynamic UI notifications.</li><li>Built a Flask-based interface for instant media uploads and real-time detection results, improving usability by 60%.</li></ul>	Dec 2024 – March 2025 <i>Python, Flask, OpenCV, YOLOV8</i>
<b>JobHive - Placement Prediction Management System</b> <i>Full-Stack Web Application</i> <ul style="list-style-type: none"><li>Built a Placement Prediction Management System using Node.js and MySQL.</li><li>Integrated a TensorFlow.js machine learning model achieving 90% prediction accuracy for real-time placement outcome analysis.</li><li>Improved placement forecasting efficiency by 70%, enabling data-driven decision-making for students and administrators.</li></ul>	Aug 2024 – Nov 2024 <i>Node.js, Express.js, MySQL, Tensorflow.js</i>

## EDUCATION

<b>College of Engineering Kottarakkara</b> <i>Btech in Computer Science and Engineering (CGPA - 7.14)</i> <b>St. Mary's Higher Secondary School, Kizhakkekkara</b> <i>Higher Secondary Education</i> <b>St. Mary's Higher Secondary School, Kizhakkekkara</b> <i>Secondary Education</i>	Kottarakkara, Kollam Nov 2021 – March 2025 Kottarakkara, Kollam 2019 – 2021 Kottarakkara, Kollam 2019
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## VOLUNTEERING

<b>National Service Scheme</b> <i>College of Engineering Kottarakkara, St. Marys HSS</i> <b>Tech Fest Coordinator</b> <i>College of Engineering Kottarakkara</i> <b>Junior Red Cross</b> <i>St. Marys HSS</i>	2019 – 2025 Kottarakkara, Kollam 2025 Kottarakkara, Kollam 2017-2019 Kottarakkara, Kollam
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## CERTIFICATIONS

• Biomechanics of Joints and Orthopaedic implants - NPTEL