

Statement of Purpose

I'm a third-year B.Tech student at IIT Palakkad, currently studying Civil Engineering, but my passion has always been in software development and problem-solving through technology. I'm excited to apply for the **Software Development Internship** at SensoVision Systems because it feels like the perfect opportunity to dive deeper into real-world applications of computer vision and intelligent automation—areas I've been exploring through my projects and coursework.

Over the past year, I've built several full-stack applications using Angular, Flask, and React, and worked on computer vision tools like the **TCF Scanner**, which reads and compiles teacher feedback forms using OpenCV and OCR. I have developed a **Timetable generator** application which decodes the institute timetable and automatically generates personalized timetables for students. I also helped develop the **IIT Palakkad ERP website** (ie, the academic and administrative website), specifically the Purchases Module of the ERP system. These projects have helped me become confident in both backend and frontend development, and they've shown me how powerful tech can be when applied thoughtfully. Currently I am working on a **Project Allotment Portal** for IIT Palakkad students.

What excites me most about SensoVision is the chance to work on impactful, high-tech solutions in a collaborative environment. I'm eager to learn from the team, contribute wherever I can, and grow as a developer.