

# KAMAL SAI YALAMARTHI

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## EDUCATION

<b>Indian institute Of Information And Technology Sricity</b> <i>Bachelor of Technology in Computer Science</i> CGPA: 8.11	Sricity, Andhra Pradesh, India <i>Dec 2020 – July 2024</i>
<b>Happy Valley School</b> <i>Score: 94.8% JEE: 98 percentile</i>	Vijayawada, Andhra Pradesh, India <i>June 2018 – March 2020</i>
<b>Akshara School</b> <i>Score: 92.6%</i>	Kakinada, Andhra Pradesh, India <i>June 2017 – April 2018</i>

## EXPERIENCE

<b>AI/ML Robotics Intern</b> <i>Taipei Tech, Taipei, Taiwan</i>	May 2023 - Jul 2023
<ul style="list-style-type: none"><li>Developed a <b>deep learning</b> model for <b>voice command classification</b> tailored for bionic Robotic fish. This model was designed to seamlessly operate on edge devices such as Raspberry Pi and Jetson Nano.</li><li>Collaborated effectively within a cross-functional team to create a robust gesture recognition model for controlling <b>bionic Robotic fish</b>.</li><li>Utilized advanced deep learning and computer vision techniques to develop these models, subsequently integrating them seamlessly with the robotic fish's functionality.</li></ul>	

## PROJECTS

<b>Pack Your Bags   <a href="#">website link</a></b>	<i>React.js, Node js, MongoDB, Git</i>	<a href="#">Repository link</a>
<ul style="list-style-type: none"><li>Designed and developed an interactive platform that allows users to effortlessly book tour packages and provide valuable feedback.</li><li>Implemented a secure user authentication system requiring login and featuring OTP verification through email.</li><li>Leveraged <b>MongoDB</b> as the database backbone, ensuring efficient data management and retrieval for the project.</li></ul>		
<b>Legal Statute Identification</b>	<i>Python, TensorFlow</i>	
<ul style="list-style-type: none"><li>Currently engaged in an ongoing project that entails predicting the relevant section within the Indian penal code based on case descriptions.</li><li>Employing state-of-the-art deep learning techniques, including Transformers, Attention mechanisms, and BiGRU, to achieve remarkable accuracy in section prediction for legal cases.</li></ul>		
<b>Employee Record Maintenance</b>	<i>Java, OOP, MySQL</i>	
<ul style="list-style-type: none"><li>Executed a comprehensive project centered around the implementation of CRUD (Create, Read, Update, Delete) operations while applying Object-Oriented Programming principles.</li><li>Demonstrated proficiency in object-oriented concepts such as polymorphism, inheritance, and encapsulation for the efficient management of employee data through a MySQL database.</li></ul>		

## TECHNICAL SKILLS

<b>Languages</b>	: C, C++, Python, JavaScript, HTML
<b>Libraries</b>	: PyTorch, TensorFlow, Open CV, Node.js, React.js, Express.js, Next.js
<b>Databases</b>	: MySQL, MongoDB
<b>Tools</b>	: VS Code, Postman, Docker, Azure, Git & Github