

Lokesh Hariramani

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EDUCATION

International Institute of Information Technology <i>Bachelors of Technology Electronics and Communication Engineering</i> CGPA: 8.48	November 2022 – Present <i>Naya Raipur, Chhattisgarh</i>
Dronacharya Public School <i>CBSE 12th Board</i> Percentage: 90%	April 2020 – March 2022 <i>Raipur, Chhattisgarh</i>
Bhavan's <i>CBSE 10th Board</i> Percentage: 96%	April 2013 – March 2020 <i>Raipur, Chhattisgarh</i>

EXPERIENCE

Auto and Control Intern <i>Armament Research and Development Establishment</i> <ul style="list-style-type: none">Control System DesignPython Motor ControlPMSM Motor Simulation using FOC algorithm	June 2024 – August 2024 <i>Pune, Maharashtra</i>
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PROJECTS

Latex Resume Writer <i>Python, FastApi, Typescript, Nextjs, LaTeX</i> <ul style="list-style-type: none">Frontend built with typescript, Next.jsBackend built using FastApi in PythonAutomated Latex resume generatorhttps://github.com/l1akshya/writer2	February 2025 – Present
Animated Frontend website <i>HTML, CSS, Typescript, Next.js</i> <ul style="list-style-type: none">Website with animations built using Next.js on TypescriptResponsive and scalablehttps://github.com/l1akshya/next-apphttps://next-app-azure-ten.vercel.app/	January 2025 – February 2025
Medical Image Segmentation <i>Python, Tensorflow, Matplotlib</i> <ul style="list-style-type: none">Trans-Unet ArchitectureAggregated weighted loss function to improve accuracyIou and other metrics improved compared to existingUsed Kvasir-seg dataset to create segmentation model	October 2024 – December 2024
Music Note Transcription <i>Python, Librosa, Sklearn</i> <ul style="list-style-type: none">Using MFCC for feature extractionRandom Forest classifier for classification	August 2024 – October 2024

TECHNICAL SKILLS

Languages: C, Python, Javascript, Typescript, HTML, CSS, Matlab

Frameworks: FastApi, Flask, React, Next.js

Libraries: Pygame, tkinter, Pandas, Tensorflow, Keras, FastApi, Flask, Librosa

Design Tools: Adobe Illustrator, Adobe Photoshop, Adobe Indesign, Figma