

# P R AJITHKUMAR

Final year B.E, Electronics and Communication Engineering  
Easwari Engineering College, Chennai

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To get an opportunity where I can make the best of my potential and contribute to the organization's growth.

## Education

2021-25	Easwari Engineering College, Chennai B.E Electronics and Communication Engineering	8.5/10
2021	12 <sup>th</sup> (Senior Secondary Examination) Kamarajar Higher secondary School, Namakkal	94%
2019	10 <sup>th</sup> (Secondary Examination) Kamaraajar Matric High School, Namakkal	95%

## Academic Projects & Research work

Apr'24	<b>SIMULATED AN OPTIMIZED FFT IN VIVADO</b> <ul style="list-style-type: none"><li>• Deepan Kumaar A., Ajithkumar P.R., Giriprasath T.K., Senthamizh Selvi R, “<b>An Optimized Fast Fourier Transform Implementation using Multiplexer</b>”, International Conference on Multidisciplinary Innovations in Computing and Communication 2024.</li><li>• Awarded <b>The Best paper</b> award for “Communication and Signal processing” track</li><li>• Actively done the coding part of this research using verilogHDL using AMD Xilinx Vivado</li></ul>
Mar'24	<b>DESIGNED A FAST RIPPLE CARRY ADDER USING PIPELINING IN VIVADO</b> <ul style="list-style-type: none"><li>• Created a Ripple Carry Adder with total delay of 4.68ns in Vivado</li><li>• Done the coding part of the research using verilogHDL</li></ul>
Feb'23	<b>MARINE MARGIN TECHNIQUE</b> <ul style="list-style-type: none"><li>• Designed a system using embedded systems which protects the fishermen by notifying the country border to them by using GPS, LoRa module and C programming.</li><li>• Participated in SRM Institutions Project Day 2k23</li></ul>
Jun-Nov'22	Completed some mini projects such as Laser security system, Digital door lock system

## Internships & Trainings

July 2024	<b>Web Development Intern, Prodigy INfoTech (Ongoing)</b> <ul style="list-style-type: none"><li>• Full stack development for 1 month</li><li>• Ongoing projects such as Stop watch web application and Personal portfolio website</li></ul>
Jun-Jul'23	<b>IoT intern, National Small Industries Corporation – Technical Service Centre</b> <ul style="list-style-type: none"><li>• Underwent a 1 weeks training on Linux software, Electronic devices and Raspberry pi</li><li>• Worked on some mini projects using IoT with RaspBerry Pi</li></ul>

## Technical Skills

Languages	C, Basics in Python and JavaScript, VerilogHDL
Web Technologies	HTML, CSS, Basics in JavaScript

## Additional Information

LinkedIn	<a href="http://www.linkedin.com/in/ajith-kumar-554b9522b">http://www.linkedin.com/in/ajith-kumar-554b9522b</a>
Certifications	<ul style="list-style-type: none"><li>• Programming in C – Great learning</li><li>• Cloud Computing, Introduction to embedded systems, Introduction to industry 4.0 and Internet of things - NPTEL Certifications</li><li>• MatLab Onramp - MATLAB</li><li>• German Language – A1 Certification from Inlingua.</li></ul>