



ANINDYA KANTI MITRA

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EDUCATION

Master of Technology VLSI Design Indian Institute of Engineering Science & Technology	Aug. 2023 – July 2025 Shibpur, Howrah
Bachelor of Technology Electronics & Communication Engineering Kalyani Govt. Engineering College	Aug. 2019 – July 2023 Kalyani, Nadia

WORK EXPERIENCE

GenC Next Programmer Analyst Trainee Cognizant Technology Solutions • Worked with React-js, Springboot microservice based architecture	February 2023 – July 2023 Candor Tech Space, Newtown, Kolkata
IoT Engineer Mind Webs Ventures • Made and maintained projects on Node-js backend and Angular frontend • Made IoT projects involving ESP32, ESP8266, RFID sensors and WiFi HTTP and SocketIO	July 2022 – January 2023 Sector-V, Salt Lake, Kolkata
PCB Designer Intern Adben Industries Pvt. Ltd. • Designed multi-layer PCB for an IoT device on KiCAD • Designed 4-layered SMD PCB for a smart-watch	June 2021 – November 2021 Kolkata

SKILLS

Languages: English, Bengali (Native), Hindi
Programming: Python, MATLAB, Java, C/C++, Arduino, Verilog, HTML, JS
Document Creation: Microsoft Office Suite, LaTeX, Markdown
Tools: Xilinx ISE / Vivado, Cadence Virtuoso, KiCAD, EasyEDA, LTSpice, ESP-IDF, PlatformIO, Node-js, Firebase, STMCube IDE, Eclipse, VS Code, Git

PROJECTS AND RESEARCH

IoT Water Management System and Home Automation B.Tech Final Project Kalyani Govt. Engineering College • ESP32, Socket IO (WebSocket), WiFi, Node-js based full stack IoT home automation project from scratch • Programmable capacitive water level sensing and programmable intelligent IoT water pump and schedule based appliance control	Summer 2023
WiFi based autonomous bot control system with computer vision Python, Cpp Flipkart GRiD 3.0 Robotics Challenge • Computer vision based Python application for monitoring bot position in a maze • MQTT based real-time bot movement control and maze solving	Autumn 2021

COMMUNITY INVOLVEMENT

Volunteering from IEST Shibpur VLSID Conference 2024	January 2024 ITC Royal Bengal, Kolkata
Member of Student Body IEEE Student Chapter - Kalyani Govt. Engineering College	2022 – 2023 Kalyani, Nadia

HONORS AND AWARDS

First Prize Annual science exhibition in Technique Polytechnique Institute, Hooghly	Autumn 2016
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