

## Kaushikh Balachandar – Resume

(Contact: +91 6380337955, [kaushikh.25ec@licet.ac.in](mailto:kaushikh.25ec@licet.ac.in), Chennai, India)

### Introduction

A motivated engineering student at LICET (ECE- Electronics & Communication Engineering, Final Year) Chennai, India, with strong software development, analytical and problem-solving skills, seeking a job to learn advanced AI & blockchain technology and gain more practical experience in the industry.

### Personal Details

<u>Name:</u> Kaushikh B	<u>Date of Birth:</u> 29-10-2003	<u>Gender:</u> Male	<u>E-Mail :</u> kaushikh.25ec@licet.ac.in
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### Academic Details

Sl. No	Academic Year	School	Standard	Marks %
1	AY 2018 - 2019	Vidyaa Vikas International School, Coimbatore	10 <sup>th</sup> (CBSE)	80.2%
2	AY 2019-2021	Vidyaa Vikas International School, Coimbatore	12 <sup>th</sup> (+2) (CBSE)	84%
3	AY 2021-2025	BE (Electronics & Communications Engineering), Loyola ICAM College of Engineering and Technology, Chennai, India	Undergraduate	CGPA: 6.5 (Till VII <sup>th</sup> Sem)

### Technical Skills

<b>Technical Skills</b>	<b>Languages &amp; Frameworks :</b> Solidity, Python, JavaScript, Django, Node.js, React.js & Next.js, REST API, SQL <b>OS:</b> Unix/Linux, Windows, MacOS <b>Technologies:</b> Web3 (Blockchain), AR/VR, LLM Application & AI Agent (AI), AWS. <b>AI Agent Framework:</b> Langchain, ElizaOS, Pydantic AI, MCP, On Chain AI-Agents. <b>Other Skills:</b> Cyber Forensics & OSINT Tools, 2D & 3D Animations and Motion Graphics (Adobe After effects, Blender)
<b>Trainings</b>	1) Ethical Hacking from ZSecurity, Udemy 2) Image Recognition using Tensor Flow from GUVI.
<b>Implant Training</b>	Calibrant Technologies Private Limited, Chennai, India. - 5 Days Implant Training on Web3(Blockchain) Technology
<b>Internship</b>	1. Worked as a Virtual Reality content developer in <b>Catapult Studios</b> (A MSC Status Company) at <b>Kuala Lumpur, Malaysia</b> Duration: 5 Months (2.5 month each on Year 2018 & 2016) 2. Cyber Forensic Intern at <b>Alibi Technologies, Chennai</b> . Duration: 1 Month ( March - April 2024)

## Achievements in Software Development:

Sl.No	Mon - Year	Achievements
1	Apr - 2025	<p>Organization: Espresso Sequencer</p> <p>Hackathon Name: Build &amp; Brew - Espresso Global Hackathon</p> <p>Project – Coffee Chain</p> <p>Award: <b>4th Prize - Cracking Composability</b></p> <p>Prize – <b>6750 USD</b></p> <p>Mode - Online</p> <p>Demo Link: <a href="https://dorahacks.io/buidl/25427/">https://dorahacks.io/buidl/25427/</a></p> <p>Role: Layer 2 Blockchain Developer</p>
2	Feb - 2025	<p>Organization: EthGlobal (Ethereum Global)</p> <p>Hackathon Name: Agentic Ethereum</p> <p>Project – Zero-X. Web3 AI Marketeer with Autonomous Social Handles.</p> <p>Award: Coinbase Developer Platform - <b>AgentKit Pool Prize</b></p> <p>Mode - Online</p> <p>Demo Link: <a href="https://ethglobal.com/showcase/zero-x-ry804">https://ethglobal.com/showcase/zero-x-ry804</a></p> <p>Role: AI Agent Developer</p>
3	Nov - 2024	<p>Organization: EthGlobal (Ethereum Global)</p> <p>Hackathon Name: EthGlobal, Bangkok</p> <p>Project – Battle of Nouns</p> <p>Award: 3rd Prize - <b>Best Application built using Sapphire/ROFL on Oasis Network</b></p> <p>Prize – <b>1500 USD</b></p> <p>Location - Queen Sirikit National Convention Center, <b>Bangkok</b></p> <p>Demo Link: <a href="https://ethglobal.com/showcase/hancock-goj8c">https://ethglobal.com/showcase/hancock-goj8c</a></p> <p>Role: Blockchain Developer</p>
4	Sep -2024	<p>Organization: EthGlobal (Ethereum Global)</p> <p>Hackathon Name: EthGlobal, Singapore</p> <p>Project – Battle of Nouns</p> <p>Award: 1<sup>st</sup> Prize - <b>Best ZK Gaming App on Mina Protocol</b></p> <p>Prize – <b>3000 USD</b></p> <p>Location - Sands Expo &amp; Convention Centre, <b>Singapore</b></p> <p>Demo Link: <a href="#">Battle of Nouns   ETHGlobal</a></p> <p>Role: Blockchain Developer</p>
5	Aug - 2024	<p>Organizations: LabLabAI &amp; A171, UAE</p> <p>Hackathon Name: Lablabai Falcon Hackathon</p> <p>Project – InvestiBoard</p> <p>Award: <b>2<sup>nd</sup> Prize</b></p> <p>Prize – <b>6000 USD</b> (3000 USD Cash Prize &amp; 3000 USD in Software Credits)</p> <p>Mode – Online Hackathon</p> <p>Demo Link: <a href="https://lablab.ai/event/falcon-hackathon/investiboard/investiboard">https://lablab.ai/event/falcon-hackathon/investiboard/investiboard</a></p> <p>Role: Blockchain Developer</p>
6	Jun - 2024	<p>Organization: Chainlink Labs</p> <p>Hackathon Name: Block Magic Chainlink Hackathon</p>

		Project – Luffy Award: <b>Best Product Video Demo</b> Prize – <b>2000 USD</b> Mode – Online Hackathon Demo Link: <a href="https://devpost.com/software/luffy-protocol">https://devpost.com/software/luffy-protocol</a> Role: Blockchain Developer
7	Mar - 2024	PECAN+ Capture The Flag (CTF) - <b>5<sup>th</sup> Team</b> out of 120 Teams. Contest – Capture The Flag in various Cyber Security domains. Conducted by – Edith Cowan University, Australia. Location – IIT Madras. Chennai, India Role: CyberSecurity Engineer
8	Jan - 2024	Cyber Hackathon 3.0 – <b>1st Prize</b> Project - LLM based Obfuscation tool Prize – <b>25000 Rs (INR – Indian Rupee)</b> Location - SRM University, Ramapuram, Chennai, India Role: AI Developer
9	Dec - 2022	Quant-A-Maze 2022 - <b>Best Innovation Award</b> Project - Labyrinth (VR Based Education) Prize – <b>5000 Rs &amp; 75000 Rs in Software Credits - (INR – Indian Rupee)</b> Location - Nitte Meenakshi Institute of Technology (NMIT), Bangalore Role: VR Developer
10	Jan - 2022	SeedBrains Innovation Awards - <b>3rd Prize</b> and <b>People's Choice Award</b> Project - AutLife (Assistive Technology App for Autistic children) Prize – <b>25000 Rs (INR – Indian Rupee) + 1 Mountain Bike + 1Yr Funded Incubation</b> Location - Cambridge Institute of Technology, Bangalore. Role: Software Developer
11	Dec - 2021	Arduino Expo held at LICET - <b>1st Prize</b>

## Projects

<b>AutLife</b>	Developed a mobile application for autistic kids with a <u>set of features</u> which can be used to improve the intellectual ability, promoting social interactions and communications
<b>Labyrinth</b> (VR Based Education)	A Virtual Reality platform for immersive and <u>interactive based learning</u> . Developed using Unity Engine for Oculus Meta Quest 2. Won Best Innovative Award at
<b>Cyber Hackathon</b>	Code Obfuscation application using LLM (Large Language Model) to prevent cracking of source code and pirating the application.
<b>Luffy Protocol</b>	Luffy Protocol, won the Best Video Demo award and a \$2000 cash prize at Chainlink's Block Magic Web3 Hackathon. Luffy Protocol is a first of its kind decentralized sports gaming platform built with the aim of being completely transparent while preserving user privacy, two aspects that are lacking and exploited by the current platforms in this domain.

<b>InvestiBoard</b>	InvestiBoard, won the second prize and a \$3000 cash prize at Lablabai Falcon Hackathon. InvestiBoard is a first of its kind virtual investigation board / Cyber forensic analysis tool with LLM support.
<b>Battle of Nouns</b>	A Zero-Knowledge Proof game that was built on the Mina Protocol, winning the "Best ZK Gaming App" award at ETHGlobal Singapore in September 2024 with a \$3,000 prize. The game integrates ZKPs for secure and transparent gameplay.
<b>Zero-X</b>	Zero-X is an AI-powered crypto marketing analyst that evaluates token projects across multiple chains using tools like GoPlus Security and DexScreener. It interacts with developers, verifies legitimacy, and if convinced, becomes a marketing ally. Built with AgentKit, LangChain, and TypeScript.
<b>Coffee Chain</b>	<p>Coffee Chain is a Layer 2 blockchain designed for hyper-fast, cross-chain payments with Espresso-speed confirmations. Merchants can accept crypto in their preferred token and network, while customers pay with any token on any supported chain. The entire stack (validator nodes, sequencer nodes, relayers) runs on AWS. Custom RPC endpoints are served via AWS Elastic IP.</p> <p><b>Some Notable Features:</b></p> <ul style="list-style-type: none"> <li>● Custom Arbitrum Nitro Rollup with Espresso's Decentralized Sequencer</li> <li>● AWS-Hosted Infrastructure</li> <li>● Hyperlane Warp Routes &amp; OpenIntents Framework Integration</li> </ul>