Vairamuthu M

Portfolio: vairamuthu.vercel.app
Github: github.com/vmmuthu31
Linkedin: vmmuthu31

Email: mvairamuthu2003@gmail.com
Mobile: +91-8072105077

EDUCATION

- **Jaya Engineering College** *Bachelor of Science - Computer Science; CGPA: 8.42*   Chennai, India
  Courses: OperatingSystems, DataStructures, AnalysisOfAlgorithms, Artificial Intelligence, Blockchain, Networking, Databases

SKILLS SUMMARY

- **Languages**:   JavaScript, SQL, Python, C, PHP, Solidity, Cairo Firebase, Django, NextJS, Flask, React Native,
- **Frameworks:**   Storybook, Drupal, Express Power BI, Tableau, VsCode, Android Studio, Git, Canva, XAMPP,
- **Tools:**   Postman, Figma, Warp, Trello
- **Database:**   MySQL, SQLite, MongoDB
- **Devops:**   GCP, AWS, Jenkins, Ngnix
- **Operating System:** Windows, Linux (Ubuntu, Mint, Kali)

EXPERIENCE

- ***Google Summer Of Code 2022: Project Intern*** *Software Developer*   *May 2022 – Sep 2022*
  - **Project -** It should be easy to use these web components in decoupled Drupal with API data provided by Drupal Core. It should also be possible to use these same components within Drupal's traditional.
  Tech Stack: Lit- Element, VueJS, Open Props CSS Variables, StorybookJS, Drupal's Api data.

- **SDE Intern — Data Analyst (limra)**   *Full Stack Developer (Part-time)*   *Sep 2022 – May 2023*
  - **Project-** Works both in the Data Analyst team and the Development team and developing their application in NextJS.
  Tech Stack: Power BI, Tableau, NextJS.

- **Synlian QF** *Full Stack Developer (Full-time)*   *Dec 2023 – June 2024*
  - **Project-** Works both in the Core team and the Development team of their projects.
  Tech Stack: ReactJs, NestJs, postgresql, Kafka, Mantine CSS, Tailwindcss, AWS S3, AWS EC2, AWS SES

- **Polkassembly** *Web3 Full Stack Developer (Full-time)*   *July 2024 – Jan 2026*
  - **Project-** Contributed to the core governance product of Polkassembly.io, building and maintaining key features such as Overview, Activity Feed, Subscriptions, Delegation Dashboard, and Bounties, with deep integration of Polkadot API, Substrate, and People's Identity API for on-chain governance and identity workflows.

    Tech Stack: ReactJs, NestJs, postgresql, Kafka, Mantine CSS, Tailwindcss, AWS S3, AWS EC2, AWS SES

ACHIEVEMENTS

- **Hackathons Won:** Starknet, TPG Hacker House, APTOS, Greenphill, Layer, Hackerverse, Ethindia, Aleo, ETHAmrita, Amrita Kerala, ETHMumbai, HackVerse 2.0, DLT Hackathon.
- **Freelancing Projects Completed:** Kanalabs, Gigshub, Payant, Onchain NFT, Aramvellum, Starknet HH.
- **Sessions Taken:** NIT Rourkela, Bangladesh blockchain bootcamp for a week, KIOT Hackathon as Mentor and Chief Guest, Reva Hackathon Speaker, Speaker at TPG Chennai Inauguration, Guest Lecturer at Adichunchanagiri Institute of Technology, DG Vaishnav College.
- **Other Awards:** 1st prize in Responsive Website contest, IT Quiz Contest, Project Demo in Enthral'22, and Software Freedom Day at JEC. 2nd prize in App Development in Enthral'22 and Tech Demo in JEC Coding Club.
- **Open Source Contributions:** 6500+ contributions on GitHub.
- **Invitations and Attendance:** Invited as Chief Guest for Hackathon at KIOT, Sairam Engineering College, Blockchain Bootcamp Trainee in Bangladesh, attended TOKEN 2049 event in Singapore and won Aleo ZKHacker House.

PROJECTS

- **Decoupled Generic Web Components -** It should be easy to use these web components in decoupled Drupal projects with API data provided by Drupal Core. It should also be possible to use these same components within Drupal's traditional Twig based templating engine.   Project Link
  Tech: Lit-Element, VueJS, Open Props CSS Variables, StorybookJS, Drupal's Api data.

- **Polkassembly Governance Platform -** Contributed to the core product by developing features such as Activity Feed, Subscription System, Delegation Dashboard, and Bounties. Worked across both frontend and backend systems, collaborating with Core and Development teams to ship production-grade governance modules   Project Link
  Tech: React.js, NestJS, PostgreSQL, Kafka, Mantine CSS, Tailwind CSS, AWS EC2, S3, SES

- **Proof of Personhood -** Built a Web3 identity verification platform that enables decentralized proof of personhood. Integrated blockchain wallets and cryptographic attestations to ensure unique identity generation without compromising privacy.   Project Link
  Tech: Nextjs, Shadcn, Jotai Atoms, Polkadot API, Substrate, Subsquid, Ink Frameword

- **Intentify -** Built an AI-powered cross-chain DeFi automation platform. Turned natural language user commands into compliant, gasless strategies using integrations like Circle CCTP, 1inch, and Zircuit. Designed with modular execution pipelines and safety guards.   Project Link
  Tech: Nextjs, Solidity, Mastra AI, Warmhole, Self Protocol

VOLUNTEER EXPERIENCE

- **Mentor**   GSOC
  Proposal 2023: GSOC LMS Portal for Drupal   *March 2023 - Sep 2023*
- **Mentor**   JEC CLUB
  Conducted online and offline technical & soft-skills training workshop to help over 500+ students and Helped Hackers by clearing their doubts.   *Sep 2022 - Present*