SAI KATHIROLI P
ENGINEER | PROGRAMMER

CAREER OBJECTIVE

As an aspiring Software Engineer with an unwavering passion for emerging technologies, I am eager to bring my technical prowess and innovative mindset to the dynamic environment at Coinbase. Fueled by a deep interest in blockchain and cryptocurrency, I am excited about the opportunity to contribute to Coinbase's mission of increasing economic freedom globally.

My career objective is to leverage my expertise in software engineering, to pioneer groundbreaking solutions in the fintech industry. I aspire to not only excel in the development of cutting-edge products but also to evolve into a visionary product developer. Simultaneously, I am determined to fuse technical proficiency with entrepreneurial zeal, propelling ventures to unparalleled success and leaving an indelible mark on the industry landscape.

ACADEMIC RECORD

Bachelor of Engineering in Electrical and Electronics Engineering
Thiagarajar College of Engineering, Madurai.
Anna University, Chennai | 2020-2024

- *Current CGPA:* 8.31

Senior Secondary School (XII)
Jayapriya Vidhyalaya Senior Secondary School, Poonthotam, Virudhachalam.
Central Board of Secondary Education (CBSE) | 2020

- *Percentage: 89.00*

Matriculation (X)
St. Antony's Matriculation Higher Secondary School, Neyveli.
State Board | 2018

- *Percentage: 94.00*

AREAS OF INTEREST

- Object Oriented Programming
- Problem Solving using Programming.
- Data Structures and Algorithms
- Front-end Development
- Web 3.0 Technologies
- Product Design and Development.

TECHNICAL SKILLS

- **Programming Language**: HTML, CSS, JAVA, JavaScript, Python, Solidity
- **Technical package:** Jupyter Notebooks, Numpy, Pandas, Matplotlib, React JS, Remix

PERSONAL SKILLS

- **Problem-Solving:** Demonstrated ability to analyze complex issues, break them down into manageable components, and develop effective solutions.

- **Adaptability:** Proven ability to pivot seamlessly in dynamic environments, as evidenced by my involvement in designing an Action-capable Drone for Sustainable Development Goals. This project demanded rapid adaptability to evolving requirements and unforeseen challenges. Successfully adjusting the project scope while maintaining its alignment with sustainable development objectives showcased my agility and readiness to embrace change, a trait highly valued in Coinbase's constantly evolving crypto landscape.

- **Attention to Detail:** Meticulous attention to detail is a hallmark of my approach, particularly evident in my academic achievements and project work. Maintaining the position of Class Topper throughout my school years reflects my commitment to precision and excellence. In the development of the Ethereum blockchain-powered voting application, careful consideration of every aspect, from smart contract logic to user interface design, ensured the creation of a secure and transparent voting system with minimal room for error.

- **Critical Thinking:** Exceptional analytical skills have been honed through various STEM competitions and continuous self-education. Achieving victory in national science competitions required not only a deep understanding of scientific principles but also the ability to think critically and apply knowledge creatively. This critical thinking capacity has been pivotal in successfully identifying potential issues and implementing strategic problem-solving approaches in software development, aligning seamlessly with Coinbase's emphasis on disruptive thinking and problem-solving in the crypto industry.

ACHIEVEMENTS

- **Academic Excellence:** Maintained the position of Class Topper throughout my school years, consistently achieving the highest grades in core subjects. This dedication to academic excellence demonstrates my commitment to achieving high standards, a quality that aligns with Coinbase's pursuit of excellence in building the future of finance and Web3.

- **STEM Enthusiast:** Secured first place in various regional and national science competitions, showcasing a passion for science and technology. These achievements underscore my ability to excel in competitive environments, a valuable trait in the fast-paced and innovative culture at Coinbase.

- **Effective Communicator:** Achieved victory in multiple essay writing, speech, and quiz competitions, highlighting strong communication, critical thinking, and persuasive presentation skills. As a software engineer, effective communication is crucial in collaborating with cross-functional teams, making these achievements directly relevant to the collaborative culture emphasized at Coinbase.

- **Continuous Self-Education:** Committed to ongoing learning in finance and software engineering, staying up-to-date with industry trends and expanding my knowledge base. This dedication to continuous improvement aligns with Coinbase's emphasis on a learning culture and the need for employees who are excited to learn about and live crypto.

- **Literary Devotee:** An avid reader of fiction and non-fiction literature, demonstrating a well-rounded intellectual curiosity and a love for expanding knowledge through literary genres. This broader intellectual curiosity contributes to creative problem-solving and a holistic perspective, qualities that are beneficial in the diverse and innovative environment at Coinbase.

FRONTEND PROJECT

DESIGNED A PERSONAL PORTFOLIO WEBSITE FROM SCRATCH

Objectives:
Professional Presence: Develop a personal portfolio website to establish a professional online presence, providing an overview of your skills, experience, and projects. Demonstrate proficiency in web development, including front-end and possibly back-end technologies, to potential employers or clients.

Tech Stack:

- HTML5, CSS3, JavaScript: For building the structure, styling, and adding interactivity to the website.

- Responsive Design: Using media queries and flexible grid layouts for a seamless experience across devices.

- Hosting and Deployment using Netlify

FULL STACK DECENTRALIZED APPLICATION

BUILT AN ETHER-BALLOT SOFTWARE

OBJECTIVE **:** To develop an **Ethereum blockchain-powered voting application** with the aim of revolutionizing the democratic process. This project strives to create a secure, transparent, and tamper-proof voting platform that ensures the integrity of each vote while enhancing accessibility and trust in the electoral system.

LANGUAGES / TECH-STACK

- Smart Contract Development: **Solidity**
- Front-end Development**: JavaScript, HTML, CSS**
- Blockchain Tools**: Ethers.Js, Ganache, Coin-base, Ethereum Node**

OUTCOME **:** The successful implementation of the Ethereum blockchain-powered voting application will result in a robust, secure, and transparent voting system. This outcome will empower voters with a user-friendly platform to cast their ballots securely, knowing that their votes are recorded on an immutable blockchain ledger, safeguarding the integrity of the electoral process.

CO- CURRICULAR ACTIVITIES

- Completed 15 hours online training conducted by Department of Mechanical Engineering,
  PSG Institute of Technology and Applied Research, Coimbatore in **3D Printing and Topology Optimization.**
- Secured State Level **second place** in the "Thulir" Talent Search Examination.
- Problem Solving in **Leet-Code** and **Skill-Rack**.

LEADERSHIP TRAITS

- **School Pupil Leader**
  As both the School Pupil Leader and leader of various clubs like the **Quiz Club, English Club, and Reader's Club**, I've had the privilege of honing my leadership skills in diverse contexts. Leading isn't just about holding a title; it's about fostering a collaborative environment where everyone's strengths shine. I thrive on building relationships, listening to diverse viewpoints, and empowering each team member to contribute their best.

- **One of the organizers of School Annual Day Function.**

HOBBIES

- Swimming.
- Playing Cricket.
- Reading Books.
- Coding.
- Listening to Speeches.