

Chitraarasu k

FLUTTER, iOS, WEB AND BLOCKCHAIN DEVELOPER

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Skills

APPLICATION DEVELOPMENT | Flutter • Dart • Swift UI • Swift • ReactJS • JavaScript • Bootstrap • HTML • CSS

BACKEND DEVELOPMENT | NodeJS • Express

BLOCKCHAIN DEVELOPMENT | Hyperledger Fabric • Motoko (Web3)

MISCELLANEOUS | Firebase • MongoDB • SQL • RabbitMQ • Docker

SOFT SKILLS | Team Player • Deliver Results

Experience

KIRSHI TECHNOLOGIES | Flutter, Swift, Hyperledger Fabric, NodeJS

Software Developer | Feb 2022 - Present, Chennai, India

- Built cross-platform solutions using Flutter and iOS, integrating Socket, GraphQL, RabbitMQ, Firebase, and blockchain to deliver scalable and secure applications.
- Developed an automated feature management system, identifying unused app modules and inactive features to reduce app complexity and enhance performance, cutting maintenance costs significantly.
- Led a resource optimization initiative by identifying redundant cloud services and implementing efficient data handling policies, achieving substantial cost savings in server and storage expenses.
- Recognized for outstanding contributions and teamwork, receiving appreciation from leadership for being an invaluable team player.

Projects

Preksha – Meditation & Mindfulness App with Beautiful Animations

- Designed an immersive meditation experience, incorporating custom animations, guided sessions, and habit tracking.
- Collaborated with the design team to implement smooth and calming animations that enhanced the user experience.
- Optimized UI animations for smooth rendering, ensuring a distraction-free and calming user experience. (Technologies: Flutter, Custom Animations, Firebase)
▶ <https://play.google.com/store/apps/details?id=com.prekshameditation>
📱 <https://apps.apple.com/us/app/preksha-meditation/id555400552?platform=iphone>

Skill Chain – Fraud-Proof Digital Certificate Management on Blockchain

- Built a blockchain-based credential verification system, allowing institutions to issue and verify digital certificates with 100% security.
- Developed a mobile & web interface, making certificate validation accessible and user-friendly.
- Eliminated certificate fraud by ensuring immutable and tamper-proof records stored on the blockchain. (Technologies: Hyperledger Fabric, Node.js, Flutter)
🌐 <https://github.com/chitraarasu/skill-chain-hf-bc>

Building a Scalable Real-Time Communication Platform

- Engineered a real-time chat and video call application using SwiftUI, WebRTC, and SocketIO, ensuring low-latency communication.
- Collaborated with API and DevOps teams to optimize server performance and data synchronization for seamless user experience.
- Designed an efficient message and media delivery system, enhancing app performance and reducing latency for high-traffic usage.

Want to See More?

Check out my portfolio website to explore more projects, source code, and live demos:

📱 <https://chitraarasu-portfolio.netlify.app>

Education

EXCEL ENGINEERING COLLEGE - AUTONOMOUS (ANNA UNIVERSITY)

Master of Computer Application

June 2022 - Mar 2024 | Namakkal, India

Score: 84%

ST. JOSEPH COLLEGE OF ARTS AND SCIENCE – AUTONOMOUS (THIRUVALLUVAR UNIVERSITY)

Bachelor of Computer Application

Jun 2019 - Mar 2022 | Cuddalore, India

Score: 90%

Awards

BEST OUTGOING STUDENT AWARD

Recognized for excellence in Computer Applications, showcasing outstanding academic performance and technical contributions | 2022 | BCA

BEST PROGRAMMER AWARD | 2021

Won in a workshop hackathon on image processing using Python and OpenCV for developing an innovative solution | BCA

Course Works

Flutter Development | UI/UX | Web Development | iOS Development | Blockchain | ReactJS

Languages

ENGLISH, TAMIL

Interests

Self-improvement • Fitness • Traveling • Food • Open-Source Contribution • Problem-Solving