Aryan Ved

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TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, TypeScript, Dart, HTML, CSS, Kotlin
Front-End: React.js, Next.js, GSAP, Three.js, Tailwind CSS, Flutter
Back-End: Node.js, Express.js, REST API
Databases: PostgreSQL, MongoDB (NoSQL), SQL Indexing & Query Optimization
Developer Tools: Git, Visual Studio Code, IntelliJ, Figma, ESLint, Vercel, Android Studio

EXPERIENCE

User Experience Researcher Mar 2025 – Apr 2025
COOCO Corporation (Riipen Level Up)
- Led a user experience research project for COOCO, focusing on identifying usability issues and improving the overall user interface and experience.
- Conducted user testing sessions, gathered qualitative and quantitative feedback, and performed heuristic evaluations based on Nielsen's 10 usability principles.
- Utilized Figma to design wireframes and high-fidelity prototypes, implementing user-centered design solutions based on research findings.
- Developed and presented design recommendations to stakeholders, directly influencing the redesign of key web pages to be more intuitive and accessible.

Apple iOS Tech Support Specialist June 2024 – Sept 2024
Transcom (Apple Service Provider)
- Provided technical support and troubleshooting for software and hardware issues on iOS devices, improving customer satisfaction.
- Effectively resolved Apple ID, iCloud, and App Store issues, ensuring seamless functionality across Apple ecosystems.
- Collaborated with higher-tier support teams to escalate complex cases, enhancing issue resolution efficiency and customer experience.
- Demonstrated strong communication and empathy skills to guide users through technical solutions, resulting in high customer satisfaction and positive feedback.

PROJECTS

AI Car Modification Chatbot | *Flask, React, OpenRouterAI API* May 2025
- Built a chatbot that recommends Stage 1 & 2 performance mods based on user-inputted car details like year, make, and drivetrain.
- Formatted user input into structured prompts for OpenRouterAI, then parsed JSON responses containing specs and upgrade data.
- Displayed results in React using visually styled cards showing current stats and projected gains in HP, torque, and acceleration.

My Digital Portfolio | *React.js, Tailwind CSS, Three.js, Parallax, GSAP* Jan 2025
- Developed an interactive portfolio using React, Tailwind CSS, and Three.js, featuring a real-time animated Rubik's Cube to showcase 3D skills.
- Optimized rendering efficiency, reducing animation frame drops by 50% through efficient state management and lazy loading techniques.
- Implemented GPU-accelerated animations using GSAP, improving rendering smoothness across devices.

Exotic Car Rental App | *Dart, Flutter, Firebase* Dec 2024
- Developed a mobile app for renting exotic cars, featuring real-time availability tracking and Firebase-powered reservations.
- Optimized Firestore queries, reducing app load time by 40% for seamless user experience.
- Implemented Firebase authentication with token-based session management, enhancing security and reducing login time by 60%.

EDUCATION

Bachelor of Honours Science in Computer Science, Co-op Sept 2022 - Present
Ontario Tech University
- Relevant Coursework: Database Systems & Concepts, Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Design & Architecture, Machine Learning