Adithya R Kulkarni

SOFTWARE DEVELOPER
& UI/UX ENTHUSIAST

CREATIVE DESIGNER &
VIDEO EDITOR

SKILLS

TECHNICAL SKILLS

Web Stack (Proficient):
- JavaScript (ES6+)
- React.js
- Node.js
- Express.js
- MongoDB
- HTML5 & CSS3

Foundational Languages:
- Python
- Java
- C / C++

Design & Tools:
- Figma
- Git & GitHub

CREATIVE SKILLS
- DaVinci Resolve
- Adobe Creative Suit
- Video Editing
- Color Grading
- Graphic Design
- Canva
- Script Writing
- Video post production & Sound Design

CORE SKILLS
- Leadership
- Event Management
- Brand Strategy
- Communication

LANGUAGES
- English (Professional Fluency)
- Kannada (Native)
- Hindi (Conversational)
- Telugu (Understanding)
- Sanskrit (Basic Conversation & Understanding)

PROFILE

MERN stack developer with a passion for building clean, responsive web applications and a proven, award-winning talent for creative design.

My focus is on blending technical logic with user-centric design, drawing on an interest in UI/UX (Figma) and 2+ years of experience in graphic design and video production (DaVinci Resolve, Adobe Creative Suit, Canva).

As the Managing Director of OSCode, I lead a campus tech community, organize large-scale events, and mentor students on development projects. Actively seeking an internship that combines software development with creative challenges.

TECHNICAL PROJECTS

Library Attendance & Tracking System
- Tech Stack: JavaScript (ES6+), HTML5/CSS3, SheetJS (xlsx), LocalStorage API
- Engineered an offline-first attendance system integrating USB Barcode Scanners for rapid student check-in/out logic.
- Built a custom client-side data engine to parse bulk Excel datasets using SheetJS and persist records via LocalStorage.

Open Source Restaurant Web POS
- Tech Stack: Next.js 16, React 19, TypeScript, Tailwind CSS
- Built a production-ready POS frontend featuring inventory management, order processing, and analytics dashboards.
- Utilized Next.js App Router and Server Components for performance, ensuring type safety and scalability with TypeScript.

AI Code Debate Arena
- Tech Stack: Node.js, Express, Google Gemini API, SQLite, Vanilla JS
- Engineered a code analysis platform featuring dual AI personas ("Pragmatist" vs. "Optimizer") that debate code quality via the Gemini API.
- Built a secure backend with Node.js, implementing JWT authentication, rate limiting, and SQLite for data persistence.

OSCode Community Website
- Tech Stack: Next.js, TypeScript, Tailwind CSS, Sendinblue SDK
- Contributed to the official community platform by integrating a new Email Service and implementing Authentication Middleware.
- Optimized client-side rendering performance and integrated Vercel Speed Insights.

AI-Driven Air Quality Monitoring System (IoT)
- Tech Stack: ESP32, Node.js, PostgreSQL, Python (Scikit-learn), WebSockets
- Developed a real-time monitoring system using ESP32/MQ-135 sensors, streaming data to a dashboard via WebSockets.
- Integrated a Random Forest Classifier (Python) for air quality prediction and used PostgreSQL for historical data storage.

EXPERIENCE

Managing Director | OSCode Student Chapter SaIT Sep 2025 – Present
- Lead a 200+ member campus tech community, organizing workshops, tech talks, and large-scale events (e.g., IROD-25).
- Direct the community's brand, designing all marketing materials and producing promotional videos.

Creative Designer (Intern) | InAmigos Foundation Nov 2025 – Present
- Design social media graphics, posters, and brand assets for a non-profit's digital campaigns.

Freelance Video Editor | Remote ~2023 – Present
- Managed all post-production for two short films and multiple YouTube videos, including editing, color grading, sound design and audio.

EDUCATION
- Bachelor of Engineering, Computer Science Sambhram Institute of Technology, Bengaluru Sep 2023 – Jun 2027

HONORS & AWARDS

- **Best Short Film**" [GARDANIA 2025]
  - Recognized for post-production work on the short film 'THE FIFTH CARD'.
- **First place-"Musical instruments competition"** [SAMBHRAMOTSAVA 2024]

CONTACT

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