

Darshan V Kalburgi

Full Stack Developer — React.js — Node.js — REST APIs — MongoDB — Cloud Deployment
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PROFILE SUMMARY

Full Stack Developer skilled in React.js, Node.js, Express and MongoDB with experience in building scalable web applications and deploying production-ready solutions on cloud platforms.

TECHNICAL SKILLS

Languages: JavaScript, Python (pytest), C++, SQL

Frontend: HTML, CSS, React.js, Redux, Tailwind CSS, Bootstrap, Material UI

Backend: Node.js, Express.js, RESTful APIs, Socket.io, FastAPI

Databases: MongoDB, MySQL

Testing: Pytest, Postman, Unit Testing, Integration Testing

Tools: Git, GitHub, VS Code, Docker, GitHub Actions, Jenkins (Basics)

Concepts: (OOP), DSA, Agile Development, API Integration, Cloud Deployment

Soft Skills: Communication, Problem Solving, Teamwork, Adaptability, Continuous Learning

EXPERIENCE

Software Developer Intern

Jan 2025 – Jun 2025

DigitalLive-24, Bangalore

- Developed and optimized responsive booking and ride-tracking components using **React.js** and **Tailwind CSS** for the *FlyShuttle* ride-booking platform.
- Integrated RESTful APIs with **Axios**, improving frontend data flow and reducing page load time by **25%**.
- Collaborated within an **Agile team of 3 engineers** using Git-based workflows, pull requests, and sprint planning.
- Worked closely with **backend developers** using **Swagger API documentation**, reducing integration issues by **40%**.
- Enhanced cross-platform performance and UI/UX, leading to a **35% increase** in user engagement during internal testing.

PROJECTS

Chatter (Real-Time Chat Application) — React.js, Node.js, Express, MongoDB, Socket.io, Tailwind CSS, Zustand

- A full-stack chat platform enabling real-time messaging with authentication and cloud deployment.
- **Live Demo:** <https://chatter-y58fs.sevalla.app/>
- Implemented secure JWT authentication, REST APIs, typing indicators, and presence tracking using **Socket.io**.
- Integrated **Cloudinary** for image uploads, **Resend** for welcome emails, and **Arcjet** for API rate limiting.
- Used Zustand for global state management, Tailwind CSS + DaisyUI for UI, and deployed on **Sevalla Cloud**.

Stream-it (Live Streaming Platform – Ongoing) — Next.js 14, React.js, TypeScript, Tailwind CSS, LiveKit

- A scalable live streaming platform integrating RTMP/WHIP protocols for low-latency streaming and authentication.
- Leveraged **PlanetScale (MySQL)** for SSR, analytics, and webhooks to sync stream status and viewer interactions.
- Developed streamer dashboards, follower/block systems, chat moderation tools, and adaptive bitrate (ABR) playback for smooth performance.

Image Classification – Category — Python, TensorFlow, GoogleNet, Android Studio

- Built and deployed a **GoogleNet**-based image classification model for multi-class object recognition and edge deployment.
- Integrated trained model into Android app using TensorFlow Lite for real-time on-device inference.
- Applied preprocessing, feature extraction, and optimization for accurate classification.

EDUCATION

PES University <i>Masters in Computer Applications</i>	Bengaluru, Karnataka <i>Dec 2023 – 2025</i>
Karnataka University Dharwad <i>Bachelor in Computer Applications</i>	Dharwad, Karnataka <i>2019 – 2022</i>

ACHIEVEMENTS

- Won 3rd place in a college hackathon, collaborating under tight deadlines to solve real-world problems.
- Gold Medalist in State-Level Taekwondo — demonstrated discipline, focus, and perseverance.