

Jandy Roach

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EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)

2024–28

Campus: Direct Campus Coimbatore | Bachelor's enrollment: BCA, University of Mysore

TECHNICAL SKILLS

- **Languages:** HTML/CSS , JavaScript , Python , C++
- **Web Development:** React.js , Tailwind CSS
- **Backend & APIs:** Node.js , Express.js, JWT Authentication
- **Databases:** MongoDB , MySQL
- **Tools & Platforms:** Git & GitHub, VS Code, Figma Netlify, Render, Bruno, Linux

SUMMARY

Full-Stack Developer | MERN Stack | Real-Time Apps | JWT Auth

Passionate full-stack developer skilled in building secure, scalable applications using the MERN stack. Experienced in real-time communication features, JWT-based authentication, and responsive UI design. Working on 3+ full-stack projects with clean Git workflows, cloud deployment (Netlify/Render), API integration, and end-to-end product delivery.

PROJECTS

Chatalyst – Real-Time Chat & Video Platform (Full Stack) - OnGoing

[GitHub](#)

- Engineered a full-stack WebRTC chat app using MERN stack and Socket.IO, enabling real-time video calls and chat with 99%+ messaging accuracy
 - Designed a responsive UI in Tailwind CSS; implemented JWT-based route protection for secure user sessions
 - Automated CI/CD with GitHub Actions; deployed backend and frontend to Render and Netlify for >20 live users
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Crewsy (Capstone Project) - OnGoing

[GitHub](#) | [Frontend](#) | [Backend](#)

- Developed a secure crew management platform with full event CRUD functionality, role-based access control, and authentication
 - Deployed scalable backend (Express.js, MongoDB) and dynamic frontend (React) to Netlify and Render
 - Reduced onboarding time by 40% through intuitive dashboard design; tested 50+ operations in staging
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Catch the Falling Objects – Game

[GitHub](#) | [Deploy](#)

- Created a DOM-based JavaScript game with real-time collision detection and scoring system
 - Achieved consistent 60fps frame rate and responsive UI across mobile and desktop; tested by 30+ users
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Amazon Clone – UI Project

[GitHub](#) | [Deploy](#)

- Cloned Amazon homepage using React and Tailwind as a responsive UI case study
 - Integrated mobile-first design and route-based navigation for seamless user experience on all screen sizes
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Projects & Achievements

- **GDG Hackathon (Nov 2024):** Spearheaded frontend for Skill Swap, a peer-learning MVP built in 24 hrs using React; recognized for UI design excellence
 - **PromptRepo Hackathon (Feb 2025):** Co-developed an AI-powered IoT Learning Portal using OpenAI API; shortlisted among 88 teams for innovative implementation
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Additional Experience

- Deployed multiple MERN apps with production-ready configs using Netlify & Render
- Implemented secure JWT auth; tested REST endpoints with Bruno and Postman
- Set up automated CI/CD pipelines via GitHub Actions; practiced modular backend and reusable React component architecture