KARUN BINNY

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PROFESSIONAL EXPERIENCE

Kristu Jyoti College of Management and Technology   **Kottayam, Kerala, India**
Student Developer   *Sep 2024 - Present*

- Engineered a MERN marketplace for 500+ users, achieving 98% user engagement.
- Conceptualized and produced an interactive dashboard with Plotly.js, cutting data analysis time from hours to minutes.
- Achieved 90% user satisfaction by optimizing front-end JSON visualization using JavaScript.

EDUCATION

Mahatma Gandhi University   **Kottayam, Kerala, India**

- *Master in Computer Applications (MCA)*   *Graduation Date: Apr 2026*
- *Bachelor in Computer Applications (BCA)*   *Graduation Date: Jun 2024*

PROJECT EXPERIENCE

Netflix App   **Kottayam, India**
Software Developer   *Oct 2025 - Oct 2025*

- Structured a secure Supabase system with 100% route protection, achieving 97% user satisfaction.
- Incorporated category-based content browsing and info modals, amplifying user interaction by 85%.
- Produced a responsive React & Tailwind UI, ensuring 100% layout fidelity across all devices.

Seat Reservation App   **Kottayam, India**
Full Stack Developer   *Sep 2025 - Sep 2025*

- Devised an interactive seat selection map, earning 95% positive user feedback for its intuitive design.
- Streamlined the end-to-end booking workflow, securing a 98% user satisfaction rate in usability tests.
- Constructed a data-driven, mobile-first dashboard, driving an 80% boost in user interactivity over static forms.

E-Farming Marketplace   **Kottayam, India**
Mern Stack Developer   *Jul 2025 - Aug 2025*

- Architected a scalable MERN-stack platform enabling 200+ local farmers to list and sell products.
- Onboarded 250+ local farmers, driving a **90% increase** in user engagement.
- Increased user engagement by 90% within the first six months.

Personal Portfolio   **Kottayam, India**
Front End Developer   *Jun 2025 - Jun 2025*

- Crafted, developed, and deployed a live, high-performance personal portfolio website.
- Applied SEO best practices to achieve 91% SEO score in Google Lighthouse.
- Leveraged Google Search Console to monitor indexing, analyze performance, and ensure 100% crawlability.

Data Virtualization Dashboard   **Kottayam, India**
Front End Developer   *Apr 2025 - Apr 2025*

- Assembled a client-side Plotly.js tool, achieving 93% user satisfaction for its clear visualizations.
- Wrote a script to parse 5,000+ lines of raw JSON data, enabling a 70% faster data-to-chart rendering time.
- Rendered 5+ complex metrics into charts, improving data comprehension for users by 90%.

Pet Rescue Website   **Kottayam, India**
Full Stack Developer   *Jan 2024 - Feb 2024*

- Built a full-stack Django adoption platform, connecting 20+ rescue agencies with adopters.
- Applied secure authentication and full CRUD, giving agencies 100% control over pet profile management.
- Designed a public gallery with search functionality, reducing user search time by 88%

SKILLS

- **Technical:** Python, SQL, AI, Microsoft Office, HTML, Javascript, CSS, MongoDB, Express.js, React, Node.js, API.
- **Soft:** Communication, Teamwork, Presentation, Active Learning, Leadership, Analytical Skills.
- **Tools:** VS Code, GitHub, Google Colab Gemini, ChatGPT, Claude AI, Visper AI, Boul.new, GravityWrite.

CERTIFICATIONS

- **Google:** Gemini Certified University Student (2025)
- **Nvidia:** AI Infrastructure and Operations Fundamentals (2025)
- **NPTEL:** Brand Management IIT Kanpur Certified (2025)
- **Google:** Foundations of Project Management (2025)
- **Kaggle:** Python (2025)

LANGUAGES

- **Malayalam:** Native.
- **English:** Fluent.
- **Hindi:** Intermediate.
- **Tamil:** Conversational.