BALARAM B

Full-Stack Developer

Mysore, Karnataka · +91 9449114920 · ballubalaram2003@gmail.com
github.com/Maverick-B9 · linkedin.com/in/balaram-b-022ba031b · ballu-portfolio.vercel.app

PROFESSIONAL SUMMARY

Full-stack Software Engineer who builds systems end to end — from pixel-level UI decisions in **React/Next.js** down to the databases, APIs, and algorithms running behind them — and has the shipped track record to back it up: a production website built for a paying client, a live platform that handled **2,500+ concurrent users** without losing a transaction, and a from-scratch multi-agent AI system with real evolutionary learning. Things like a systems engineer, not a framework operator: cares about why something breaks at scale, designs for modularity by default, and moves comfortably across the frontend, backend, and AI/ML layers of a project rather than staying in one lane. Backs strong individual execution with a stacked hackathon record and a genuine investment in mentoring teammates and building technical community. Curious, fast-moving, and reliably finishes what is started.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, SQL, C
Backend & SDLC: Node.js, Express.js, Flask, RESTful APIs, Git, SDLC (design/dev/test/release)
Frontend: React, Next.js, Vite, HTML5, CSS3, Tailwind CSS
Databases: MySQL, SQLite
AI / ML: TensorFlow, PyTorch, YOLOv8, EfficientNet, OpenCV, Scikit-learn
Tools: Docker, Linux, NGINX, ESLint, Postman, VS Code

EXPERIENCE

Full-Stack Developer Intern — Opslavvy (E-commerce Solutions) Sep 2026 – Present
Bangalore, Karnataka

- Building and maintaining live **e-commerce websites** for multiple client brands — **House of Aldeno, Cool Colors, Firstlayer, RedFlame, and VerdantLoop** — as part of the studio's ongoing client engineering work.
- Handling **feature development, bug fixes, and day-to-day maintenance** across several concurrent brand storefronts, working directly with clients on requirements.

Frontend Developer — IndeaMind Technologies LLP Dec 2025 – Feb 2026
Remote

- Worked as a Frontend Developer for 3 months building the company website for BharathMinds, using **React** and **Vite** for the UI layer.
- Built and styled **reusable UI components** with CSS and JavaScript, and helped roll out an updated brand identity across the site under the IndeaMind Technologies LLP rebrand.

Secretary — Stack Forge Coding Club Jan 2025 – Jun 2026
Maharaja Institute of Technology, Mysore

- Led the planning and execution of **14+ workshops, hackathons and developer programmes** involving over **250 student participants**.
- Mentored student developers in **full-stack engineering, Git workflows** and collaborative software development while coordinating institute-wide technical initiatives.

PROJECTS

SEMAIS — Evolutionary Multi-Agent Intelligence Platform *Python, Genetic Algorithms, Multi-Agent Systems*
Built a self-evolving multi-agent simulation engine in Python, evolving a 7-parameter behavioural genome via **genetic algorithms** across 50+ generations and 100+ agents; implemented **A* pathfinding**, fault-tolerant agent communication, and **unsupervised clustering** into 4–5 emergent strategies.

Real-Time Sports Auction Management Platform *Next.js, React, TypeScript, MySQL*
Built a production-ready sports auction platform with **live bidding** and automated purse management; deployed at Mahadasara 2025, serving **2,500+ participants** across multiple teams with **zero data loss** throughout concurrent, high-frequency bidding.

Digital Forensic Investigation Platform *Python, Flask, MySQL*
Built a 6-module forensic platform covering acquisition, hashing, entropy analysis and reporting; implemented **MD5/SHA-256/SHA-512** tamper detection, **role-based access control**, and audit logging with investigator-ready dashboards on a MySQL backend.

EDUCATION

Bachelor of Engineering, Computer Science and Engineering 2023 – 2027
Maharaja Institute of Technology, Mysore **CGPA: 9.08 / 10**

ACHIEVEMENTS

- Top 8 Finalist among 900+ teams — **BIT Hackathon 2025**.
- Runners Up — Techshetra Hackathon 2025.
- 5th Place — Bahubali College Hackathon 2024.

CERTIFICATIONS

- Developing Front-End Apps with React — IBM (Coursera)
- Introduction to Front-End Development — Meta (Coursera)
- Programming with JavaScript — Meta (Coursera)
- Frontend for Java Full Stack Development — Board Infinity (Coursera)