Hariharanath Khadar Badar

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EDUCATION

NMAM Institute of Technology   Karnataka, India
B.Tech in Computer Science and Engineering (FSD) — CGPA: 7.10/10   *Jul 2023 – Jun 2027*
Sri Chaitanya Educational Institution   Andhra Pradesh, India
Intermediate (MPC) — 94.1%   *Jun 2021 – May 2023*

SKILLS SUMMARY

- **Languages & Frontend** JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, C++
- **Backend & Databases** Node.js, Express.js, REST APIs, MongoDB, PostgreSQL, Firebase
- **Tools & Technologies** Git, Docker, Postman, Socket.IO, JWT, Microservices
- **Soft Skills** Leadership, Problem-Solving, Communication, Teamwork, Adaptability

EXPERIENCE

Bluestock Fintech   Maharashtra, India (Remote)
Software Development Engineer (SDE) - Intern   *Feb 1, 2024 – Mar 28, 2024*
  - **IPO Web Platform – Frontend Development** Built and enhanced responsive UI components for the IPO investment platform, improving usability and user interaction flow.
  - **Firebase Integration** Integrated Firebase services for authentication and real-time database operations, ensuring secure and efficient data handling.
  - **Performance UI Optimization** Optimized frontend performance and reduced unnecessary re-renders, delivering a smoother and faster user experience.

Thunder Tribes Pvt. Ltd.   Bangalore, India (Remote)
Software Development Engineer (SDE) - Intern   *Mar 1, 2025 – May 1, 2025*
  - **Product Engineering – MedixPro** Developed scalable UI modules for a health-tech platform focused on structured medical data management and workflow efficiency.
  - **Modern Frontend Architecture** Built reusable and accessible components using Next.js, TypeScript, TailwindCSS, and Radix UI to enhance maintainability and scalability.

PROJECTS

- **Academic Pal – AI-Powered Academic Platform** — **Next.js, TypeScript, MongoDB, Firebase, Docker**
  - Engineered a full-stack academic platform serving **4,000+ B.Tech students** with AI-powered semantic search and resource management.
  - Designed scalable REST API routes and optimized MongoDB queries for efficient data retrieval and performance.
  - Implemented secure Firebase OAuth authentication and leveraged **Firestore real-time listeners** for live collaboration features with Docker-based deployment.   Source Code

- **PhishGuard – AI-Powered Phishing Detection System** — **Next.js, TypeScript, Firebase, FastAPI**
  - Built frontend architecture and integrated ML-based FastAPI endpoints for real-time URL, email, and document threat scanning.
  - Implemented Firebase backend services including Firestore data modeling and OAuth-based authentication with protected routes.
  - Developed secure file upload workflows and dynamic threat result dashboards with optimized API communication.
                                                                                     Source Code

- **Crypto Tracker – Real-Time Crypto Platform** — **MERN Stack, TypeScript, FastAPI, Python**
  - Built real-time crypto tracking system for **10,000+ coins** using MERN + Socket.IO.
  - Developed FastAPI ML service for 24-hour trend prediction (75–85% accuracy).
  - Implemented JWT authentication and optimized MongoDB for scalable microservice architecture.   Source Code

EXTRA-CURRICULAR ACTIVITIES

- **Tudar Club – Website Development Team Member** Developed and maintained tudar.in, promoting Tulu cultural heritage at NMAMIT.
- **Founder – Academic Pal** Built and scaled an AI-powered platform serving 4,000+ B.Tech students with secure real-time features.
- **Founder – We4Tech Agency** Led a web agency delivering 18+ modern, responsive portfolio websites.
- **Hackathon Participant** Placed in multiple hackathons including Tech Rangers, WebCraft, and Infinite Hackathon.

ACHIEVEMENTS

- **Winner** - Tech Rangers Hackathon (UpGrade Campus); built a real-time **crypto tracker** with live market insights.
- **Winner** -ACEthon 2025 (ACE Association); secured First Place among top collegiate teams.
- **Winner** - SAP Hackfest 2025 (Special Contest – 1st Place); proposed **PhishGuard**, an AI-based phishing detection tool.
- **2nd Place** - Srinathon 2.0, **2nd Runner-up** - Udbhav 2025, and **2nd Runner-up** - CodeSprint Hackathon 2026.
- Scaled **Academic Pal** to **4,000+ users** and earned **Google AdSense approval**.