

Karthik Chirukuri

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SKILLS

- ❖ **Programming:** Java, Data Structures & algorithms
- ❖ **Web Development:** HTML, CSS, JavaScript, Bootstrap
- ❖ **Backend Development:** Node JS, Express JS, Mongo DB, SQL
- ❖ **Networking:** Networking Fundamentals, Kali Linux (Intermediate), Nmap (Beginner), Wireshark (Beginner)



EDUCATION

- ❖ B.Tech in Computer Science & Engineering (IoT, Cyber Security & Blockchain)
Dayananda Sagar Institutions, Bangalore
CGPA: 8.5 | **Duration:** Dec 2022 – Aug 2026
- ❖ XII (BIEAP) | Narayana, N120 Batch **90.4% | 2022**

EXPERIENCE

- ❖ **Full Stack Developer | Airbnb – Vacation Rental Platform (Personal Project)**
Built a full-stack platform for listing and booking vacation rentals, connecting users with hosts. Implemented dynamic CRUD operations for 15+ listings using Mongo DB, Node.js, Express.js, React, and Bootstrap. Integrated Cloudinary for image uploads and used JWT for secure user authentication.  [Deployment Link](#)  [github](#) (Nov'24 – Feb'25)

ACADEMIC PROJECTS

- ❖ **Tweeple – Instant Tweet Network**  [github](#)  [Deployment Link](#)
Built a social platform with posts, follows, and real-time discussions. Implemented auth, sessions, and feeds using Node.js, MongoDB, HTML, CSS, and JS. Currently adding security concepts from my Node Security Shield project (lightweight RASP).
- ❖ **Zerodha – Stock Trading Platform Clone** (Backend is in progress)
Created a responsive frontend replica of Zerodha's official website. Designed and built clean, user-friendly pages using HTML, CSS, and Bootstrap to showcase features like home, pricing, products, and sign-up flow.

CERTIFICATIONS

- Data structures and algorithms – Apna College (Sigma 4.0), by Shradha Khapra
- ServiceNow – Certified Application Developer (CAD)
- Pragmatic Approach to Cyber Security – FutureSkills PRIME (Govt. of India), by NIELIT & C-DAC Hyderabad

ACHIEVEMENTS / HOBBIES

- Research paper accepted at MPCON2025 IEEE Conference on Node Security Shield (RASP)
- Secured runner-up positions in national-level hackathons, collaborating in teams to build innovative and scalable web apps.