

Mekala Balaiah

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Mobile : +91-7702844549

Portfolio: balaiah.vercel.app

Skills

- **Programming and Database:** Java, HTML, CSS, Javascript, SQL, MongoDB, Node.js, C, React.js,python
- **Tools/Frameworks:** Express.js, Git, Github
- **Concepts:** Software Development Life Cycle (SDLC), Data Structures and Algorithms, Operating Systems, OOP, Dbms

Work Experience

Tamizhan Skills

Remote

Frontend Developer

June 2025- July 2025

- Worked on assigned tasks, participated in learning sessions, and contributed to hands-on projects.

ApexPlanet

Remote

Frontend Developer Intern

June 2025 - July 2025

- Built responsive layouts and practiced integration of JavaScript-based features.

Projects

Scalable E-commerce Backend System

- Built a full-stack Airbnb clone enabling users to explore, book, and manage short-term rentals.
- **Frontend:** Developed with React, Next.js, and Tailwind CSS for dynamic UI, responsive layouts, and server-side rendering.
- **Backend:** Implemented REST APIs using Node.js and Express with JWT authentication & role-based access.
- **Database:** Designed relational schemas with MongoDB to manage users, properties, reservations, and reviews.

PerplexityAI Clone – Document QA

Developed a lightweight PerplexityAI-style system enabling real-time data retrieval for document QA tasks. Integrated semantic search with LLMs to provide accurate, reference-backed answers, ensuring transparency and reliability.

Education

- N.B.K.R Institute of Science and Technology

Vidyanagar, Andhra Pradesh

B. Tech in Computer Science and Engineering; GPA: 7.86/10.0

June 2022 – Jun 2026

- CLR Junior College

Cumbum, Andhra Pradesh

Intermediate; percentage: 72%

June 2018-April 2020

Achievements

Certifications: Graphic designer, Apna college sigma 6.0, java with DSA by Apna College.