Akhil N
Full Stack Developer

9513418912
Akhiln1108@gmail.com
Bangalore

GitHub
LinkedIn
Portfolio

SKILLS

Programming Languages	JavaScript, python, HTML5, CSS3
Tools & Platforms	Git, GitHub, VS Code, Postman, Cloudinary, Figma, Webpack, CI/CD, Puppeteer, Cheerio
Database Management	MongoDB, MongoDB Atlas, PostgreSQL
Frameworks & Libraries	React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, JWT, Bcrypt, Mongoose, Redux, AJAX, JSON
Additional skills	Familiar with TypeScript, PHP, jQuery, MySQL, Swagger, problem solving

TECHNICAL EXPERIENCE

IOT Web Developer Intern (Embedded)   **Feb 2022 -March 2023**
IETE Bangalore

• Designed and developed the IOT Website for IETE Bangalore using **HTML**, **CSS**, and **JavaScript**, resulting in a highly intuitive and user-friendly interface. *Video Link*
• Integrated hardware and software to achieve real-time display of environmental parameters, demonstrating an **80%** accuracy rate and effective data visualization.
• Worked with hardware components, showcasing **proficiency** in microcontrollers and Raspberry Pi 3.
• Stay updated with the latest trends and technologies, quickly adapting to evolving project requirements and new technologies.

PROJECTS

Nikz Kennels: Top KCI Certified Pet Seller in Bangalore ↗   **April 2024**

• Led the rethinking of Nikz Kennels' online presence, overseeing the transition from an obsolete WordPress site to a cutting-edge React landing page optimized for **SEO**.
• Designed an engaging user interface that perfectly combines aesthetics and functions, guaranteeing visitors an immersive experience around the site.
• Increased engagement through a visually appealing, user-friendly web design.
• Implemented demanding SEO techniques to increase search engine visibility and **organic traffic**, expanding Nikz Kennels' online reach.
• Hosted the website on OnoHosting, ensuring lightning-fast speed and smooth accessibility.
• **Technologies Used: React.js, CSS3, HTML5, SEO Optimization.**

Crave Deals: Discover Exclusive Restaurant Offers ↗ **|** *GitHub*   **Jan 2024—Feb 2024**

• led end-to-end **development**, managing **front end** and **back end**.
• Designed dynamic interfaces for front end with React.js, Tailwind CSS, and Redux and engineered RESTful APIs using Node.js and Express.js for back end.
• Managed MongoDB for improvement in data handling efficiency.
• Implemented **web scraping** with **Puppeteer** and **Cheerio** for up-to-date offerings.
• Ensured platform stability and reliability through thorough testing.
• **Technologies Used: React, Node.js, Express.js, MongoDB, Puppeteer, Cheerio, Git.**

STUDY NOTION-EduTechLearning Platform ↗ **|** *GitHub*   **Sep 2023— Jan 2024**

• Developed dynamic and responsive user interfaces with **ReactJS**.
• Implemented **RESTful API** calls, improving communication efficiency between front-end and back-end.
• Engineered a scalable and robust server-side application using **NodeJS** and **ExpressJS** frameworks.
• Managed user authentication, course creation, and course consumption functionalities.
• Utilized **MongoDB** for efficient storage of unstructured and semi-structured data.
• **Technologies Used: React, Node.js, Express.js, MongoDB, Git.**

EDUCATION

MS Ramaiah Institute of Technology   **July 2020 — June 2023**
Bachelor of Engineering in Electronics and Telecommunication   *Bangalore, Karnataka*

Karnataka Govt Polytechnic   **April 2017 — April 2020**
Electronics and Communication Engineering   *Mangalore, Karnataka*

ACTIVITIES

Team lead at Pradarshana MSRIT   **April 2023**
Volunteer at IETE-Institute of Electronics and Telecommunications Engineers KJSCE   **Jun 2021 — Jun 2024**