Adhil Roshan

+91 8606597953

adhilroshan.me
adhilroshann@gmail.com

github.com/adhilroshan
linkedin.com/in/adhilroshan

EDUCATION

- **College of Engineering Vadakara** — Kerala, India
  Bachelor of Technology - Computer Science — *Nov 2020 - Jun 2024*

SKILLS

- **Languages**: Python, JavaScript, TypeScript, Dart, HTML, CSS, PHP, C, C++, SQL, Bash, Java, Lua, Rust
- **Frameworks & Libraries**: React.js, Node.js, Express.js, Next.js, Django, Flask, FastAPI, Svelte, SolidJS, Flutter, TensorFlow, Langchain
- **DevOps & Tools**: Docker, Kubernetes, Git, PostgreSQL, MySQL, SQLite, TailwindCSS
- **Cloud & Platforms**: AWS, GCP, Netlify, Vercel, Heroku, Linux, Windows, Arduino, Raspberry Pi
- **Soft Skills**: Leadership, Event Management, Technical Writing, Public Speaking, Time Management

CERTIFICATES

- **Full-Stack Deep Learning with Python** — LinkedIn
  View Credential — *July 2024*

- **Node.js Essential Training** — LinkedIn
  View Credential — *July 2023*

- **React.js Essential Training** — LinkedIn
  View Credential — *July 2023*

- **JavaScript Algorithms and Data Structures** — freeCodeCamp
  View Credential — *Feb 2023*

- **Responsive Web Design** — freeCodeCamp
  View Credential — *Feb 2023*

- **Front End Development Libraries** — freeCodeCamp
  View Credential — *Feb 2023*

EXPERIENCE

- **Cybroque Technologies** — Part-Time
  Full Stack Developer — *May 2023 - Apr 2024*
  - Engineered scalable full-stack applications using Node.js, Express.js, Next.js, and TypeScript, enhancing system performance by 40% and reducing server response time by 25%.
  - Implemented responsive design principles, ensuring optimal cross-device performance and user experience.
  - Collaborated with cross-functional teams to deliver high-quality software solutions, adhering to best practices and coding standards.

- **WebAdder** — Part-Time
  Frontend Developer — *Sep 2022 - Feb 2023*
  - Developed and maintained responsive web applications using modern frontend technologies such as React.js and Vue.js.
  - Collaborated with UX/UI designers to implement user-friendly interfaces, improving overall user experience and satisfaction.
  - Optimized web performance through code refactoring and implementation of best practices, ensuring cross-browser compatibility.

PROJECTS

- **UI Forge - Generative UI Component Framework**:
  - Developed a framework using React and NLP techniques to generate UI components from natural language descriptions.
  - Implemented machine learning algorithms to interpret design requirements, streamlining the UI creation process.
  - Reduced development time for custom user interfaces by up to 40%, improving overall project efficiency.

- **Kontrato - Contract Management Platform**:
  - Built a comprehensive solution using Node.js and React for creating, customizing, and managing contracts.
  - Implemented features for contract negotiation, digital signing, and lifecycle management using blockchain technology.
  - Improved efficiency and transparency in contract processes, resulting in a 25% reduction in contract turnaround time.

- **Ding Ding - College Dating App**:
  - Developed a Flutter-based Valentine's Day-themed app for College of Engineering Vadakara students.
  - Implemented a secure crush-matching system using Firebase for real-time updates and user authentication.
  - Achieved over 100 active users within days of launch, representing 20% of the target student population.

- **RoomFlow - Decentralized Real Estate Management App**:
  - Developed a secure backend using Solidity and Ethereum smart contracts for transparent property transactions.
  - Created a user-friendly Flutter frontend with responsive design, ensuring seamless user experience across devices.
  - Integrated blockchain functionalities using Web3.js, enhancing trust and transparency in real estate dealings.

- **NearUs - Location-based Event Platform**:
  - Engineered a scalable platform using microservices architecture with Kubernetes and Docker for efficient deployment.
  - Implemented a proximity-based chatting feature using WebSockets for enhanced real-time networking capabilities.
  - Utilized Node.js and Express for robust server-side components, handling concurrent users efficiently with Redis caching.

ACHIEVEMENTS & ACTIVITIES

- Mentored at Magnathon 2024 and 2022 - National-level themed hackathons promoting sustainable solutions.

- Participated in Make-a-ton 6.0 and 5.0 - 24-hour open hackathons for university students.

- Reached final round of .hack(2021) - National hackathon organized by IEEE MACE chapter.

- Campus Lead at TinkerHub CEV (Jun 2022 - Apr 2023): Organized tech events, built community, and facilitated peer-to-peer learning.

- Chief Financial Officer at IEDC CEV (Mar 2023 - Apr 2024): Established "TOWN", a startup incubator within College of Engineering Vadakara.

- Program Convener - Education Conclave at IEDC College of Engineering Vadakara (2023): Organized an education conclave exploring the future of education systems in light of evolving AI technologies.