# Akalesh Tanwer

Experienced Fullstack Developer | Expert in MongoDB, Express.js, React.js, Next.js, TypeScript

**PROFESSIONAL SUMMARY**

A Full Stack Developer with more than 2 years of professional experiences in User Interface and Web app Development using Web Technologies. Strong developing experience with HTML5, Bootstrap, CSS3, React.js, Material UI, MongoDB, Node.js, Express.js, JavaScript & Typescript.

**Professional Experience:**

**Aurasoft Digitech Pvt. Ltd.**   
*Fullstack Developer*  
*January 2022 - May 6, 2024*

* Developed and maintained user interface components using React.js, contributing to projects such as the Abanonya Dating app, Event Management System (MECOC), Quick Support Services, GYC (Get Your College), and Empowerwealth.
* Implemented backend functionalities using Node.js and MongoDB, gaining experience in full-stack development.
* Enhanced code quality and maintainability by utilizing TypeScript in project development.
* Deployed applications on various platforms including Heroku, Render, and Vercel, ensuring successful project deployment.
* Collaborated with teams using version control systems like Git and project management tools such as Jira and Trello.
* Engaged in client meetings for requirement gathering and provided technical insights for project planning and execution.
* Led development efforts, assigned tasks, and provided guidance to junior developers in project execution and code quality.
* Managed project deployment and ensured smooth operations through effective troubleshooting and problem-solving.

**Aurasoft Digitech Pvt. Ltd** *Intern*  
*September 2021 - December 2021*

* Gained foundational knowledge in web development technologies during the internship period.
* Acquired proficiency in HTML, CSS, Bootstrap, and JavaScript.
* Assisted in frontend tasks, contributing to various projects and gaining hands-on experience with web development fundamentals.
* Demonstrated a proactive approach to learning and problem-solving, contributing to project development and team objectives.

**KEY SKILLS AND COMPETENCIES**

* Experienced in JavaScript frameworks like React, Node, Express, and Next.js.
* Expertise in debugging and troubleshooting existing code.
* Experience in Development and Documentation throughout the entire journey.
* Experienced in version control like GIT.
* Familiar with Atlassian Suite (Jira, Confluence etc.) and experience in documenting the software application.
* Strong communication, problem-solving, and planning skills, with ability to work independently or in a team environment.
* Projects deployment on free services (Render, Vercel and Hostinger VPS).

# TECHNICAL SKILLS

**Programing Languages/Frameworks:** - HTML5, CSS3, Bootstrap5, JavaScript, React.JS, Typescript, Next.JS, ECMASCRIPT 5/ES6.

**Backend Technology:** - Node.JS, Express.JS  
 **Database: -** MongoDB, MySQL

**Tools:** - GIT, Jira, Postman, VS Code, Bit bucket, GitHub, Git actions for cicd pipeline

**Communication Tools:** - Slack, Trello, Skype, MS Team

**Cloud Platform and deployment:** - Heroku, Render, Vercel, VPS  
**Package Management: -** NPM, NVM, Yarn

**ORM’s: -** Mongoose, Sequelize, Prisma

# PORTFOLIO : Explore my portfolio to see a showcase of my projects and skills. Visit <https://atanwer.github.io/> to learn more.

# LINKEDIN: Connect on LinkedIn for professional networking and updates. Find at https://www.linkedin.com/in/akaleshTanwer/

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# PROJECT SUMMARY : Successfully managed a diverse portfolio of projects, ranging from small-scale initiatives to large-scale endeavors. Below are key highlights of some major projects:

**Project: Abanonya Dating app**  
**Duration:**  Started from FEB 2024(knowledge transferred on 6 may)

**Description:** Developing APIs and admin panel using React template for a Tinder-like dating app, ensuring security and functionality.

**Environment:** Admin Panel: React.js, Backend: Node.js, Express, Database: MongoDB, Version Control: Git/GitHub

**Roles and Responsibilities:** The role in this project is the same as in the MECOC app (the previous project). Responsibilities include building APIs and the admin panel with one or two junior developers, and handling complex functionalities with proper security.

**Project: Event management system (MECOC)**  
**Duration:**  DEC 2023 and FEB 2024

**Description:** Designed and implemented a comprehensive Event Management System catering to diverse user roles, including Admin, Sponsors, Speakers, Exhibitors, Delegates, Committee Members, and Visitors. The system features user authentication, registration processes, and specialized functionalities for each user category. Notably, the system includes a backend API layer developed in Node.js and Express, coupled with a MongoDB database.

**Challenges Faced**: One significant challenge encountered was the stringent timeline, with only one month to finalize the system before the event's commencement on February 6, 2024. Despite this constraint, necessary adjustments were made promptly to meet the deadline without compromising on quality or functionality.

**Environment:** Frontend: React.js, Backend: Node.js, Express, Database: MongoDB, Version Control: Git/GitHub

**Roles and Responsibilities:**

Lead Developer:

* + Developed robust APIs in Node.js and Express to facilitate seamless communication between the frontend and backend.
  + Collaborated with the database team to design and optimize MongoDB schemas, ensuring efficient data storage and retrieval.
  + Oversaw the entire codebase using Git, assigning tasks, and maintaining version control for a team of three developers.
  + Implemented user authentication and registration processes, with an emphasis on security and data integrity.

Admin Panel Development**:**

* + Coordinated with a junior developer to create an exclusive Admin Panel for admin-only access.
  + Implemented functionalities allowing the admin to manage users, including login/signup and registration processes.
  + Utilized React.js for the frontend, ensuring a user-friendly and intuitive interface for efficient admin operations.

Project Management**:**

* + Actively engaged in client interactions, gathering requirements, and obtaining feedback on system features.
  + Assigned tasks to the development team, prioritizing based on project timelines and client expectations.
  + Provided ongoing support to the junior developer, resolving queries, and ensuring a smooth development process.

**Project: Quick Support Services**   
**Duration:** 3 months  
**Description:** Quick Support is a financial product. It is build for a company who is storing and validating loan applicant details for banks. If applicant is eligible for loan then it provides positive report otherwise depend on the applicant status. Main modules of this project are dynamic forms, login, signup, different roles and generating reports and Excel sheets.

**Challenges Faced**:Exporting case details into an Excel sheet posed a significant challenge due to the dynamic nature of columns and their values. This task required extensive effort to accomplish successfully.

**Environment:** Node.js and Express, React.js, MongoDB, Restful API.

**Responsibilities:**

* + Taking care of whole project a senior developer. Assign task to juniors and check their code quality.
  + Client meeting and requirement gathering.
  + Handled complex features like dynamic forms, generating reports, Excel sheets etc.
  + Manage deployment of the project.

**Project: GYC (Get Your College)- Educational Consulting Portal**  
**Duration:** 6 months  
**Description:** GYC is an educational consulting portal that provides services to the student to choose the best colleges across the country as per their interest, requirements and budget.   
**Environment:** Next.js, React.js, Bootstrap5, HTML5, CSS3, JavaScript.

**Responsibilities:**

* Responsible for end to end development and worked as a frontend developer.
* Involved in requirement gathering, understanding and development planning.
* Worked on front end pages that were developed professionally using Next.JS.
* Developed client side validation code using JavaScript.
* Creating cross-browser compatible and standards-compliant CSS-based page layouts.
* Handle deployment on Render during development.
* Performed unit testing.

**Project:  Empowerwealth**  
**Duration:**6 months

**Description:**This project based on real state business in which client can purchase and sale their properties. The application is scraping property data from a real estate web app using a Chrome extension.

**Challenges Faced:** It is the first project as a full-stack developer, with limited knowledge about the backend. Only familiarity with ReactJS existed, so working on the frontend was easy. However, when it came to the backend, every task required a lot of effort.

Environment: React.JS, Javascript,  Node.JS, Typescript.

**Responsibilities:**

* Participating in extensive coding for both front-end and back-end components, Application UI design, integration and unit testing.
* Designing and implementing user interfaces (UI) and user experiences (UX).
* Writing reusable and modular React.js components to build interactive and responsive user interface
* Managed tasks on Jira.
* Integrating Node.js based web services with the React application to enable communication between the front-end and back-end.

# EDUCATION QUALIFICATION

* Master of Computer Application (MCA)