

# Tanay Shah

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## PROFESSIONAL SUMMARY

A results-oriented and highly skilled Software Engineer with a proven track record in full-stack development and software solution design. Possesses extensive experience in building dynamic and responsive user interfaces using React, JavaScript, Next.js, and an understanding of AI/LLM technologies like Agentic AI and LangChain. Proficient in Agile methodologies, project management, and client relationship management, with a focus on delivering high-quality, scalable solutions. This professional is adept at designing and developing software, optimizing performance, and driving cost savings through strategic implementations. They are skilled in the full Software Development Life Cycle (SDLC), creating UI, utilizing RESTful APIs, and deploying with cloud technologies.

## SKILLS

- React.JS
- JavaScript
- Next.js
- HTML/CSS
- RESTful APIs
- Redux
- Agile Methodologies
- Jest
- Unit Testing
- Postman
- Jira
- Express.js

## EXPERIENCE

<b>Associate Software Engineer: Accenture, Pune</b>	<b>April 2024 – Present</b>
<ul style="list-style-type: none"><li>Designed and developed data-driven dashboards using <b>ReactJS</b> to enhance decision-making for a key client, integrating dynamic charts and reports that significantly improved user engagement.</li><li>Developed a system that leverages <b>Model Context Protocol (MCP)</b> servers to connect <b>AI agents</b> with your web application, enabling them to access real-time data and tools, thereby enhancing the application's functionality beyond its initial training data.</li><li>Created a solution that utilizes <b>Figma</b> in an <b>AI-driven workflow</b>, enabling <b>AI agents to generate production-ready code directly from design files</b>. This streamlined the design hand-off process and significantly reduced manual coding efforts.</li><li>Optimized application performance by implementing <b>Redux</b> and <b>Context API</b> for efficient state management across complex user interfaces.</li><li>Engineered a robust job search feature, aggregating over <b>20,000+ live job listings</b> by consuming and processing data from multiple APIs, directly enhancing the application's core value proposition.</li><li>Architected and built a library of <b>reusable React components</b>, reducing development time by an estimated <b>20%</b> and ensuring consistency across the application UI.</li><li>Integrated and consumed <b>RESTful APIs</b> to facilitate seamless server communication, enabling the development of data-rich, API-driven applications.</li><li>Developed and maintained interactive UI applications used by over <b>90,000 Bank of America employees</b>, supporting a diverse portfolio of <b>100+ banking products</b>.</li><li>Proactively enhanced application stability and performance by implementing comprehensive error handling, which led to a <b>30% reduction in reported bugs</b>.</li><li>Collaborated with a team of client-side developers to ensure seamless feature integration and adherence to consistent development best practices within an <b>Agile environment</b>.</li></ul>	

## PROJECTS

### Full Stack Blog Post Application

React | Express.js | Mongo DB | Tailwind CSS

- Engineered a full-stack blog post application with the MERN stack, enabling users to securely log in, create, publish, and share content.
- Integrated Google OAuth for a secure and seamless login experience, reducing user friction and increasing platform accessibility.
- Designed and implemented a responsive, user-friendly UI with Tailwind CSS, delivering an optimized reading and writing experience across all devices.
- Developed a feature for secure image uploads, enabling users to enrich their blog posts with visuals and boosting content engagement.
- Built a dynamic comment system that fosters user engagement and discussion, creating a more interactive community platform.
- Github Link: <https://github.com/Tanay-Shah/FullStack-BlogPost-Application.git>

### Carpooling App

React | Express.js | Mongo DB | Tailwind CSS

- Engineered a full-stack carpooling platform using the MERN stack, focusing on enhancing transportation sustainability and user convenience.
- Developed a robust backend with Express.js and MongoDB for seamless data management and real-time communication, ensuring a dynamic user experience.
- Implemented a real-time ride-matching and notification system, optimizing the user journey by providing instant updates on ride status.
- Integrated the Mapbox API to create interactive maps, enabling precise location-based ride coordination for an improved user experience.

### Full-Stack AI Finance Platform

React | Express.js | Mongo DB | Tailwind CSS

- Engineered a full-stack AI-powered finance platform using Next.js 14 (App Router) and Supabase, enabling secure user authentication and seamless data management.
- Integrated Google's Gemini API to provide users with intelligent financial insights and analysis, enhancing the application's core value proposition.
- Implemented secure, event-driven workflows with Ingest and ArcJet, ensuring robust security, rate limiting, and seamless automation of financial tasks.
- Streamlined user communication by integrating Resend for email support, providing a seamless experience for new user sign-ups and ongoing notifications.
- Github Link: <https://github.com/Tanay-Shah/welth.ai.git>

## EDUCATION

### Shri Sant Gajanan Maharaj College Of Engineering, Shegaon

Aug 2019 – Aug 2023

Bachelor of Engineering in Computer science and Engineering

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Microsoft Azure Fundamentals
- Problem Solving certificate: Hacker Rank

## ADDITIONAL

### Personal Skills:

Team player | Responsible | Diligent | Good Management | Ownership | Problem solving capabilities | Leadership | Good communicator

### Languages:

English, Hindi