Bengaluru, India

Linkedin | GitHub | Website

Navin Avadhani

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I am an IT professional with over 9 years' experience who has recently transitioned to a full-stack software engineer. Specializing in crafting immersive web experiences, I am dedicated to delivering reliable and innovative applications.

Technologies and Languages

- Languages: JavaScript, TypeScript, HTML5, CSS3
- Technologies: React, Next.js, Express.js, Node.js, tRPC, Zustand, PostgreSQL, MySQL, MongoDB
- Other: Git, TailwindCSS, Prisma ORM, Auth.js, Framer Motion, Docker, Vercel, AWS S3

Education

- **MBA Global,** Swiss Business School, United Arab Emirates   **2015 - 2016**
- **B.E. Information Science & Engineering,** Visvesvaraya Technological University, India   **2008 – 2012**

Projects

- **MintSaga** - A Next.js-based blockchain application designed for storing historical images as Non-Fungible Tokens (NFTs). With a focus on user security, it features OAuth-based wallet linking, allowing seamless NFT uploads. The app supports multiple wallets per OAuth account, enabling flexible user interactions. Noteworthy features include public visibility toggling, a favorites system, and a comment section for community engagement. MintSaga prioritizes user experience with dark mode, theme switching, and PWA capabilities. Live Link | GitHub
- **Ticket It** - A Next.js-based helpdesk ticketing system with advanced features such as dynamic layouts tailored to user roles, various ticket assignment methods, comprehensive ticket logs, and robust server and client-side security measures for secure ticket interactions. Implemented exclusive access for the helpdesk team to view technical notes and ensured complete protection of server and client-side interactions. Live Link | GitHub
- **Hot Tiffin** – A restaurant point-of-sale system using Next.js app router and TypeScript, enabling staff to seamlessly generate and oversee orders, personalize profiles, incorporate customized menu items and categories, and access order history, among other features. Live Link | GitHub
- **Fondingo –** A personal blog website showcasing my written work, featuring an admin panel for seamless addition of new articles and editing of existing ones. Developed without relying on external CMS, leveraging Next.js app router and TypeScript. This app is also PWA enabled, where-in users can access it like a mobile app. Live Link | GitHub
- **MyBazaar** - An e-commerce application using Next.js app router and TypeScript. Implemented an admin panel for efficient management of store items, utilizing PostgreSQL as the database with Prisma ORM. Continuously enhancing the project with planned features, including the integration of Stripe payment. GitHub
- **EZFlow** – A Trello clone as part of a training project, utilizing Next.js app router and TypeScript. Incorporated Supabase PostgreSQL with Prisma ORM to enhance database functionality and management. Live Link | GitHub
- **Quickscribe** - A training project resembling Notion, leveraging Next.js app router and TypeScript. Implemented Convex real-time database to enable seamless real-time updates. Live Link | GitHub
- **Vacation Haven** - An Airbnb-inspired clone, training project, employing Next.js app router, with TypeScript, and implemented MongoDB with Prisma for the database functionality. Live Link | GitHub
- **Academix** - A learning management system as part of the training curriculum, featuring distinct student and teacher modes. Implemented an admin panel to allow teachers to add new courses, with course purchases made via Stripe payments. Ensured secure access to protected course content based on purchase status, and incorporated a feature allowing teachers to include free chapters as previews prior to purchase. GitHub
- **Discord clone** - Developed as part of the training curriculum using Next.js app router and TypeScript. Incorporated web sockets for real-time communication, complemented by PostgreSQL with Prisma ORM for robust database functionality.
- **Spotify clone** - Developed within the training curriculum using Next.js app router and TypeScript, integrated with a Supabase backend and seamlessly incorporated Stripe payment integration. GitHub
- **Bleeper** – Developed a Messenger clone chat application as part of a training project, utilizing Next.js app router with TypeScript and integrating web sockets for efficient real-time communication. GitHub

- **All Mart** - An e-commerce application as a component of the training curriculum, featuring distinct admin and store sections. Implemented a segregated structure where the store makes API calls, as defined in the admin panel, to retrieve relevant product information. Developed using Next.js app router with TypeScript, and integrated Stripe payment capabilities. Admin GitHub | Store GitHub

Work Experience

IT Systems Engineer	**Danat Al Emarat Hospital**	**Aug 2013 – Nov, 2021**
	Abu Dhabi, United Arab Emirates	

- Developed the in-house Intranet website from scratch using HTML, CSS, and JavaScript.
- Designed and implemented a user-friendly interface for in-house communication, providing daily updates for staff and organization-wide news.
- Transitioned the Intranet website to the parent organization level, becoming the primary tool for staff announcements.
- Drove the collaborative effort as a key team contributor in establishing the organization's IT infrastructure. Contributed significantly to implementing the data center and deploying the current technology stack, playing an essential role in crafting a robust and scalable technological foundation from the ground up.
- Successfully devised and implemented IT security policies, achieving ADHICS compliance (similar to ISO27001), leading to a seamless first-attempt audit success.
- Spearheaded Active Directory administration, designing and implementing group policies, enhancing system efficiency.
- Managed DHCP and DNS, achieving a reduction in troubleshooting time through streamlined scope creation, exclusion management, and reservation practices.
- Directed Zimbra Email Server administration, reducing downtime through proactive monitoring and swift issue resolution.
- Optimized Hyper-V virtualization, reducing server deployment time and enhancing overall system reliability.
- Implemented Symantec Backup Exec, improving data backup efficiency through strategic job creation for system state and snapshot backups.
- Streamlined CIFS file system management on NetApp NAS, enhancing organizational file server operations, managing quotas, Qtrees, and shares.

Systems Engineer	**Accenture**	**Jun 2012 – Jun 2013**
Project: Starwood Hotels and Resorts	Bengaluru, India	

- Administered MS Windows Servers, including Active Directory, Multiple Active Directory Forests, and Domains, ensuring seamless user, resource, distribution, and contact management.
- Served as SAP Technical Analyst, demonstrating proficiency in SAP system administration.

Achievements

- Secured a 100,000 INR bounty at the prestigious Abstraction Hackathon for MintSaga, an innovative Next.js-based block chain application.
- Spearheaded the development and implementation of comprehensive IT security policies at Danat Al Emarat Hospital, achieving ADHICS compliance – a standard comparable to ISO27001. This success led to a seamless first-attempt audit.

Courses and Certifications

- The Web Developer Bootcamp – Udemy | Certificate Link
- React, The Complete Guide – Udemy | Certificate Link
- Working with TypeScript – Udemy | Certificate Link
- JavaScript Algorithms and Data Structures Masterclass – Udemy | Certificate Link
- Complete Python Bootcamp – Udemy | Certificate Link
- Statistics for Data Science and Business Analysis – Udemy | Certificate Link