Bengaluru, India
Linkedin | GitHub | Website

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I am an IT professional, with over 10 years of 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, SQL
- Technologies: React, Next.js, Express.js, Node.js, Bun.js, Hono, tRPC, PostgreSQL, MySQL, MongoDB
- Other: Git, Docker, Redis, Kafka, Framer Motion, Vercel, AWS, Cloudflare

Education

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

Projects

- **FSplit** – Developed using Next.js and TypeScript, FSplit is an intuitive expense management application designed for efficient expense tracking and division among user-defined groups. It includes a secure friends system where only existing members can add new friends to groups, ensuring controlled access. FSplit utilizes a specialized algorithm to simplify group debts, enhancing accuracy in expense management. With a responsive design and Progressive Web App (PWA) capabilities, FSplit delivers a seamless user experience across devices, prioritizing functionality and usability. Live Link | GitHub

- **MintSaga** – A Next.js-based block chain app for storing historical images as NFTs. A 100,000 INR bounty winner at the Abstraction Hackathon, it features OAuth-based wallet linking, supports multiple wallets per account, and allows public visibility toggling, favorites, and community comments. Includes dark mode, theme switching, and PWA capabilities. Live Link | GitHub

- **Ticket It –** A Next.js-based helpdesk ticketing system with dynamic layouts for different user roles, various ticket assignment methods, and comprehensive ticket logs. It ensures secure ticket interactions with robust server and client-side security. Live Link | GitHub

- **Hot Tiffin** – A restaurant point-of-sale system using Next.js and TypeScript. Staff can manage orders, personalize profiles, and customize menu items. Features include order history access and category management. Live Link | GitHub

- **Fondingo –** A personal blog website using Next.js and TypeScript. It features an admin panel for adding and editing articles. The app is PWA-enabled, allowing users to access it like a mobile app. GitHub

- **MyBazaar** – An e-commerce app built with Next.js and TypeScript. It includes an admin panel for managing store items, uses PostgreSQL with Prisma ORM, and is being enhanced with planned features like Stripe payment integration. GitHub

Training Projects

- **EZFlow** – A Trello clone developed as a training project using Next.js and TypeScript. It integrates Supabase PostgreSQL with Prisma ORM for database management. [Live Link](#) | [GitHub](#)

- **Quickscribe** – A Notion-like app created as a training project using Next.js and TypeScript. It uses Convex real-time database for seamless updates. [Live Link](#) | [GitHub](#)

- **Vacation Haven** – An Airbnb-inspired clone made as a training project with Next.js and TypeScript, utilizing MongoDB with Prisma for database functionality. [Live Link](#) | [GitHub](#)

- **Academix** – A learning management system with distinct student and teacher modes, developed as part of a training curriculum. It includes an admin panel for adding courses, Stripe payments for course purchases, and secure access to purchased content. [GitHub](#)

- **Discord clone** – A real-time chat app developed as a training project using Next.js and TypeScript. It features web sockets for real-time communication and PostgreSQL with Prisma ORM for database functionality. [GitHub](#)

- **Spotify clone** – A music streaming app created within a training curriculum using Next.js and TypeScript. It integrates with a Supabase backend and Stripe for payments. [GitHub](#)

- **Bleeper** – A Messenger clone chat app developed as a training project using Next.js and TypeScript, featuring web sockets for real-time communication. [GitHub](#)

- **All Mart** – An e-commerce app with distinct admin and store sections. The store retrieves product information via API calls defined in the admin panel. Developed with Next.js and TypeScript, it includes Stripe payment capabilities. [Admin GitHub](#) | [Store GitHub](#)

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.

Experience

Full-Stack Web Developer   **Nov, 2021 – present**

Self-study and Skill Development
- Self-taught HTML, CSS, and JavaScript fundamentals, laying a solid foundation for web development.
- Advanced to Express.js for backend development, creating foundational full-stack applications.

Advanced Full-Stack Development
- Mastered React, Next.js, and TailwindCSS, incorporating TypeScript for enhanced type safety and scalability.
- Developed full-stack applications using React Server Components for efficient server-side rendering and performance.

Database Expertise
- Gained proficiency in database management with PostgreSQL, MySQL, and MongoDB, ensuring efficient data storage and retrieval.
- Implemented Prisma and Drizzle ORM for seamless database operations and improved developer productivity.

Integration of Modern Technologies
- Engaged with emerging technologies like React Server Components to stay ahead of industry trends and optimize application performance.
- Implemented tRPC for full type-safety from frontend to backend, ensuring robust and secure API communication.
- Utilized Docker for containerization, AWS S3 for cloud storage, Cloudflare for serverless backend, and Vercel/AWS EC2 for seamless deployment of applications.

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.

Courses and Certifications
- The Web Developer Bootcamp – Udemy | Certificate Link
- React, The Complete Guide – Udemy | Certificate Link
- The Complete SQL Bootcamp – 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