

# AASHUTOSH SINGH

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## SUMMARY

Enthusiastic full-stack developer with experience starting as an intern, proficient in Angular, React.js, Next.js, Flutter, Node.js, Express.js, and FastAPI. Skilled in building scalable, high-quality web applications using modern tools like TanStack Router, TanStack Query, TanStack Table, Strapi, and Meilisearch. Experienced in database management with MongoDB, MySQL, and MSSQL, using ORMs like Sequelize and Mongoose. Passionate about delivering performant and maintainable full-stack solutions with clean architecture and optimized workflows.

## WORK EXPERIENCE

### Full-Stack Developer | Varahi SoftTech

May 2023 - April 2025

- Developed responsive and user-friendly front-end interfaces using HTML, CSS, Bootstrap, JavaScript, and frameworks like Angular and React.
- Built and maintained scalable backend services with Node.js, Express.js, and FastAPI.
- Designed and managed databases using MongoDB, MySQL, and MSSQL, leveraging Sequelize and Mongoose for efficient data handling.
- Collaborated with cross-functional teams to deliver full-stack solutions, optimize code, and debug complex issues.
- Gained hands-on experience with Next.js and implemented RESTful APIs for seamless data integration.

### Full-Stack Developer | Yoliday

May 2025- Current

- Developed responsive, dynamic, and high-performance front-end interfaces using React.js, Next.js, Flutter focusing on component-driven architecture, optimized rendering, and seamless user experience.
- Leveraged advanced libraries such as TanStack Router, TanStack Query, TanStack Table
- and Material UI to build scalable and maintainable applications.
- Built and maintained robust backend services using Node.js, Express.js, and FastAPI.
- Integrated headless CMS like Strapi and implemented search capabilities using Meilisearch for enhanced performance and user experience.
- Collaborated with cross-functional teams to deliver full-stack solutions, debug complex issues, and optimize performance. Deployed and managed applications using AWS for scalable cloud infrastructure and services.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

July 2022 - Apr 2026

Silver Oak University | Ahmedabad, Gujarat

### HSC

July 2021 - 2022

Upasana Lions English Medium School | Vapi, Gujarat

## PROJECTS

### Onyo | Travel E-commerce Admin Dashboard | React JS, TanStack library Tailwind CSS

- Developed a full-featured admin panel using React.js, TanStack Router, TanStack Query and TanStack Table.
- Integrated real-time chat module with Ably, supporting message pinning, threading, online presence, and status tracking.
- Implemented advanced search capabilities using MeiliSearch for fast and optimized data querying.
- Managed media storage via AWS S3, enabling secure image uploads and sharing.
- Used Strapi as a headless CMS for dynamic content management.
- Integrated Razorpay payment API on the frontend for secure transaction handling.
- Improved team collaboration by 80% and reduced operational overhead with real-time updates and search optimization.

### Yoliday | A Travel E-commerce Application for Web | Next JS,TanStack Query,Tailwind CSS

- Built a responsive, SEO-optimized travel platform using Next.js with server-side rendering (SSR) and static site generation (SSG).
- Integrated live chat support using Ably, enhancing real-time user engagement.
- Implemented lightning-fast search with MeiliSearch for destinations, experiences and itineraries.
- Managed content and media via Strapi CMS and AWS S3 for secure cloud storage.
- Integrated secure booking and payment flows, improving customer trust and UX.
- Connected Razorpay API on the frontend for booking and payment workflows.
- Achieved 90% faster search results, increased user engagement by 65%, and boosted booking conversions by 40%.

### VarahiCRM | Customer Relationship Management (CRM) System | Angular, Node Js, MSSQL

- Designed and developed a CRM platform to streamline customer data management and enhance client interactions.
- Built a responsive front-end interface using Angular, HTML, CSS, and Bootstrap for seamless user experience.
- Developed a robust back-end with Node.js and Express.js, implementing RESTful APIs for data handling.
- Integrated MSSQL for secure storage and efficient retrieval of customer data.
- Implemented features like user authentication, role-based access, and real-time updates to improve functionality.
- Enhanced business productivity by automating key processes like lead tracking, contact management, and reporting.

### Handi Chaddeyan Di - Vapi | Hotel Management System | NextJs, MongoDB

- Built a scalable web application for managing hotel operations using NextJS, Prisma, MongoDB and TypeScript.
- Designed an intuitive front-end and backend with NextJS, leveraging TypeScript for enhanced code quality and maintainability.
- Developed a robust back-end using NextJS, integrating Prisma for efficient interaction with a MongoDB database.

## **Yoliday App | A Travel E-commerce Application for Mobile | Flutter**

- Developed a cross-platform travel booking app in Flutter, enabling users to browse and book curated travel packages from Yoliday admins and third-party hosts. .
- Implemented real-time chat functionality between travelers and crew members using Ably for seamless in-app communication.
- Designed and built modern, responsive UI screens ensuring a smooth user experience across both mobile and web platforms.
- Integrated secure user authentication and payment modules, improving booking reliability and transaction flow.
- Collaborated with backend developers to integrate REST APIs for package data, bookings and chat synchronization.
- Optimized app performance and scalability, resolving critical bottlenecks in chat rendering and data fetching layers.
- Employed Riverpod for efficient state management and improved maintainability of complex UI interactions.
- Contributed to analytics setup using Google Analytics to track user engagement and app performance metrics.
- Coordinated with QA and deployment teams for release cycles and bug resolution during the testing phase.
- Currently expanding the app's reach by developing a Flutter Web version to support browser-based users.

## **E-commerce Website | React , Fastapi , MySQL**

- Developed a feature-rich e-commerce platform with React for the front-end and FastAPI for the back-end.
- Designed a dynamic and responsive user interface using React, ensuring smooth navigation and an intuitive shopping experience.
- Built a scalable back-end with FastAPI, integrating Sequelize-TypeScript for seamless interaction with a MySQL database.
- Implemented core features such as product catalog, shopping cart, user authentication, and order management.
- Used Sequelize-TypeScript for defining database models, relationships, and performing complex queries efficiently.
- Can Integrated payment gateways and order tracking to enhance user functionality.
- Optimized API performance and ensured data integrity through robust back-end design.
- Delivered a secure system with JWT-based user authentication and role-based access customers and admins.

## **Static and Dynamic Website Development**

- Designed and developed static websites using HTML, CSS, and JavaScript for fast and efficient delivery.
- Build Many Dynamic Websites as well so that they can add their own content as they like and whenever they like

## SKILLS

- **Frontend Development:** HTML, CSS, Bootstrap, Tailwind JavaScript, Angular, React, Next.js, TypeScript
- **App Development:** Flutter
- **Backend Development:** Node.js, Express.js, FastAPI, Fastify
- **Real-time:** Ably (chat, presence, threads, etc.)
- **CMS & Search:** Strapi, MeiliSearch
- **Databases:** PostgreSQL, MySQL, MongoDB, MSSQL
- **ORMs/ODMs:** Prisma, Sequelize, Sequelize-TypeScript, Mongoose
- **Programming Languages:** JavaScript, TypeScript, Python
- **API Development:** RESTful APIs, JWT Authentication, Role-Based Access Control
- **Version Control:** Git, GitHub
- **Tools & Platforms:** VS Code, Postman, Docker (if applicable), npm/yarn
- **Other Skills:** Responsive Web Design, Scalable Architecture, Problem Solving