

AASHUTOSH SINGH

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SUMMARY

Enthusiastic full-stack developer with experience starting as an intern, proficient in Angular, React.js, Next.js, 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 Intern | 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 Intern | Yoliday

May 2025 - Current

- Developed responsive, dynamic, and high-performance front-end interfaces using React.js and Next.js, 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 - Present

Silver Oak University | Ahmedabad, Gujarat

HSC

July 2021 - 2022

Upasana Lions English Medium School | Vapi, Gujarat

PROJECTS

Onyo | React JS, TanStack Router, TanStack Query, TanStack Table, 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 | 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%.

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.

Hotel Management System | Angular, Node Js, MySQL

- Built a scalable web application for managing hotel operations using Angular, Node.js, Sequelize, and TypeScript.
- Designed an intuitive front-end with Angular, leveraging TypeScript for enhanced code quality and maintainability.
- Developed a robust back-end using Node.js, integrating Sequelize for efficient interaction with a MySQL database.

- Implemented core features like room reservations, customer management, and real-time availability updates.
- Added secure user authentication and role-based access for admins and staff to ensure data security.
- Automated booking workflows and can integrated payment gateways to streamline hotel operations.
- Enhanced system performance and scalability, processing [X] bookings daily with minimal downtime.

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 for customers and admins.

Static and Dynamic Website Development

- Designed and developed static websites using HTML, CSS, and JavaScript for fast and efficient delivery.
 - Built dynamic, data-driven websites leveraging React, Angular, Node.js, FastAPI, and MySQL for enhanced interactivity and functionality.
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SKILLS

- **Frontend Development:** HTML, CSS, Bootstrap, Tailwind, JavaScript, Angular, React, Next.js, TypeScript
- **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