Harshil Dudhat

Full Stack Developer (React | Node.js | AWS)
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Professional Summary

Experienced Full Stack Developer with over 5 years of hands-on expertise in building scalable web applications using React.js, Next.js, and Node.js. Adept at managing both front-end and back-end development, with a strong command of TypeScript, MongoDB, PostgreSQL, and AWS infrastructure. Highly skilled in delivering responsive and performance-optimized applications.

Key Skills

- **Frontend**: React.js, Next.js, HTML5, CSS3, TailwindCSS
- **Backend**: Node.js, Express.js, RESTful APIs, Socket.IO
- **Database**: MongoDB, PostgreSQL, Mongoose, Prisma
- **Version Control**: Git, GitHub
- **Cloud Services**: AWS (EC2, S3, Route 53), cPanel
- **Testing**: Jest, Chai, Mocha
- **Tools & Others**: TypeScript, Redux, Webpack, Azure DevOps

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Professional Experience

Full Stack Developer – *Freelance*
Ahmedabad | March-2024 – Present

- Developed multiple web applications using React.js and Node.js for various clients, ensuring fast, responsive, and SEO-friendly designs.
- Integrated REST APIs with front-end interfaces, improving user experience and scalability.
- Set up and managed AWS EC2 instances, Route 53 configurations, and S3 for image storage.
- Optimized performance and implemented Unit Testing using Jest and Mocha.
- Collaborated closely with design and product teams to ensure the development aligns with business goals.
- Payment gateways implementation such as PayPal, Puddle and Stripe.

Full-Stack JavaScript Developer – *HK Infosort*
Ahmedabad, India | Jan-2021 – Mar-2024

- **Admin Panel Development**: Led the development of a comprehensive admin panel using Node.js for the backend and React.js for the frontend, enabling efficient client management and enhanced system administration features.
- **RESTful API Implementation**: Designed and implemented RESTful APIs to facilitate seamless data communication between frontend and backend systems, tailored to meet specific project requirements.
- **Database Expertise**: Developed a well-optimized MySQL database schema, ensuring efficient data storage and management across various schemas. Managed migrations and table construction in line with backend specifications.
- **Collaborative Teamwork**: Actively collaborated with team members, offering assistance with Node.js and React.js challenges.

Projects

Aroha Connect

Project Overview:
A scheduler application for managing temporary jobs at a school. The scheduler assigns jobs when faculty members are absent, and relievers can view job information such as roles, dates, and timings.

Key Contributions & Learnings:

- **ReactJS Admin Panel**: Developed an efficient admin panel for job scheduling and profile management. Created reusable components like tables, dropdowns, and fetch hooks.
- **Database Design & Sequelize ORM**: Designed a robust MySQL database schema, ensuring efficient data storage and learned Sequelize ORM for managing migrations and relationships.
- **Backend Structure**: Structured the backend in TypeScript for ease of future API development. Worked with Multer, Express, and Firebase for file handling and push notifications.
- **Front-end & Libraries**: Integrated key libraries such as Formik, Axios, redux/toolkit, react-router-dom v6, and TailwindCSS.
- **Firebase Integration**: Implemented Firebase for file storage and push notifications.
- **Client Communication**: Enhanced my professional communication skills by interacting with clients on project workflow and planning.

WiSA (Wireless Speaker and Audio Association)

Project Overview:
A hardware and software project enabling users to select and update firmware versions for industrial devices used in audio transmission systems.

Key Contributions & Learnings:

- **Firmware Management**: Developed commands to update and install firmware for devices via the frontend. Implemented role-based dynamic authentication, replacing the static credential system.
- **New Functionalities**: Added new features such as AMP and MCU commands, allowing users to update firmware versions and run commands on devices.
- **Swagger API Documentation**: Created a Swagger file for documenting the project's APIs.
- **Device Communication**: Implemented functionality to capture the distance between devices by sending and executing commands remotely.

"I am a quick learner and always eager to take on new challenges. With my skills and experience, I am confident that I can be a valuable asset to your team or project. I look forward to the opportunity to discuss how I can contribute to your projects."

Sincerely,
Harshil Dudhat