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Nikhil Saxena

FULL STACK DEVELOPER

EDUCATION

Bachelor of Technology

G.B.P.U.A&T Pantnagar : 2016–2020

Graduated in Civil Engineering.

SKILLS

- **Frontend Technologies** : HTML5, CSS3, SASS,, JavaScript, TypeScript, ReactJS, Redux, Angular.
- **Specialized Tools** : PDFjs & Apryse Viewer, Highcharts , D3.js , fusion charts , EpanetJS , Mapbox , @thatOpen company, Reactflow.
- **Backend and API Integration** : Node.js, Express.js,, AJAX, JSON, REST APIs ,MongoDB, Cassandra, Firebase, PostgreSQL, MySQL.
- **Frameworks and Libraries:** Material-UI, Tailwind CSS, Bootstrap.
- **Testing Tools:** Jest, Enzyme.
- **State Management:** Redux Toolkit, Zustand.
- **Advanced Concepts:** Micro Frontends using Nx.
- **Deployment:** AWS, Vercel, CI/CD pipelines.
- **Soft Skills** : Collaboration in Agile/Scrum methodologies, Project management with Jira and Confluence, Mentoring and peer code review.
- **Other Tools** : Figma, Git, Docker, Webpack, Babel.

CERTIFICATIONS

- **Front-End**– ReactJS Front End web development : Udemy
- **Backend** – Introduction to database and SQL querying : Udemy

PROFILE

Self-motivated Full Stack Developer with 4+ years of experience delivering multiple projects. Proficient in developing responsive web applications using ReactJS, Node.js, and MongoDB, achieving a 30% improvement in load times. Skilled in Python, AWS, CI/CD pipelines, and PowerShell scripting. Passionate about implementing best practices and consistently meeting deadlines.

EXPERIENCE

Softtech Engineers Pvt Ltd.

June 2023 – Present

Junior Software Associate

- Develop high performance application using **ReactJS**, Redux, React Hooks, React-Router, JavaScript, HTML5, CSS3, SASS, Bootstrap4.
- Built custom components for UX-Library consisting Accordion, Filters, Dropdown, Carousel, Button, Checkbox.
- Project is implemented by following TDD using **Jest** framework for React along with Enzyme test utilities.
- Developed and maintained RESTful APIs using **Node.js**, integrating **MongoDB** for efficient data storage and retrieval. Managed JWT authentication and Built middleware for validation, error handling, and enhancing security to improve back-end reliability.
- Implemented cloud solutions using **AWS** services such as EC2, S3, and RDS for scalable infrastructure.
- Configured a **reverse proxy** with IIS to efficiently manage multiple services,
- Utilized **Python** and ifcopenshell to extract data from IFC files.
- Integrated third-party tools including **PDF.js**, **Highcharts**, **Apryse**, **FusionCharts**, **D3.js**, and **EpanetJS**, **Mapbox** , **@thatopen**.

Clarion Technologies

Trainee Software Engineer

Jan 2021 – June 2023

- Understanding the responsibilities of **ThingSpace** platform, database, API, caching layer, proxies, and other web services used in the process..
- Optimized components for maximum performance across various web browsers..
- Created **npm packages** to improve project load times and build efficiency.
- Deployed React applications on **IIS servers**.
- Exclusively used React-Hooks to handle application life-cycle processes.
- Created **powershell** script to automate the build deployment on server.