NAVDEEP BAL

Calgary, Alberta

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PROFESSIONAL SUMMARY

Highly skilled and dynamic Frontend Developer with a proven track record of leading the development and optimization of web applications. Spearheaded client-specific projects, enhancing accessibility and compliance with web standards, and architected a new UI framework that reduced application load time by 10%. Demonstrated expertise in HTML, CSS, JavaScript, React, Node.js, and Express.js, with a strong foundation in RESTful API design and deployment. Committed to improving backend efficiency by 25% and application scalability, evidenced by successful migration to modern React-based architecture.

KEY SKILLS

Tools: Vite • Axios • Git • Github • Visual Studio •Firebase• Vercel• Postman
Technical Skills: HTML5 • CSS • JavaScript • React.js • Node.js • Redux • TypeScript • Express.js • MongoDB • RESTful API • Material UI • Tailwind • Bootstrap • Flexbox • Chakra UI • NPM
Soft Skills: Problem Solving • Leadership • Communication • Time Management • Teamwork • Learning Agility • Impact-focus work ethics

WORK EXPERIENCE

Moga Web Inc., Brantford, Ontario   *Sep 2019 - Feb 2024*
Junior Frontend Developer

- Led the development of client-specific web projects, enhancing accessibility and compliance with web standards using HTML, CSS, JavaScript, and React; improved client satisfaction by 17%.
- Architect and implemented a new UI framework,enhancing user experience through efficient workflow design with Material UI and Express.
- Designed and deployed RESTful APIs using Node.js and Express.js, facilitating seamless data exchange and integration, resulting in a 10% increase in backend efficiency.
- Optimized web application performance by implementing Redux for state management, leading to a 13% improvement in response times and user interaction.
- Spearheaded the migration of legacy systems to modern React-based architecture, achieving a 23% reduction in maintenance costs and a 18% increase in application scalability.

TorontoD.com, Scotland, Ontario   *Oct 2018 - Jul 2019*
Co-op Media Developer

- Enhanced web presence by implementing and managing content across multiple CMS platforms, resulting in a 29% increase in user engagement and a 15% boost in web traffic.
- Transformed website designs from static files to responsive HTML templates, improving site accessibility on mobile devices by 21% and enhancing user experience.
- Populated and optimized WordPress content, including blogs and web pages, leading to a 10% growth in content engagement and a 16% rise in page views.

EDUCATION

Udemy Online Web Developer Bootcamp   Mar 2021 - Dec 2023

- Gained expertise in front-end technologies including HTML5, CSS3, Flexbox, and JavaScript ES6, completing numerous projects to solidify understanding.
- Developed proficiency in back-end development with Node.js, Express.js, and MongoDB,RESTful API integration.
- Enhanced project with advanced features using npm for package management and Postman for API testing, demonstrating a comprehensive skill set in modern web development practices.

Computer Software Technician
Sheridan College, Ontario

TECHNICAL PROJECTS

1.GITHUB FINDER

- **Description**: Web application leveraging GitHub's API to search for users and explore their repositories.
- **Technologies Used**: React, React Router DOM, useContext API for state management, Tailwind CSS for styling, Vite for fast development.
- **Deployment**: Hosted on Vercel, https://githubfinder-navdeepbal.vercel.app
- **Key Features**: User search functionality, dynamic repository listing, responsive design.

2. FIREBASE GALLERY

- **Description:** Image gallery application utilizing Firebase database and storage for data management.
- **Technologies Used**: React, React Router DOM, useContext API for state management, Firebase database and storage.
- **Deployment**: Deployed on Firebase, https://gallery-a2396.web.app
- **Key Features:** Image upload and deletion capabilities, reusable components for modularization.

3. FULLSTACK-HIRE

- **Description:** Full-stack employee management application developed with React, TypeScript, Express.js, and MongoDB.
- **Technologies Used:** React, TypeScript, Express.js, MongoDB, React Router DOM, Material UI.
- **Deployment**: Deployed on Vercel, https://fullstack-hire.vercel.app
- **Key Features**: Employee CRUD operations (Create, Read, Update, Delete), search functionality.