Bal Krishna Pandey

Software Engineer

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SUMMARY

Initiative-driven Software Development Engineer with experience in building web applications using React.js, JavaScript, and related technologies. Skilled in teamwork, implementing responsive designs, and ensuring cross-browser compatibility. Possesses analytical thinking and a commitment to delivering high-quality, user-focused products. Eager to contribute to innovative projects in a fast-paced environment.

EXPERIENCE

Software Development Engineer

Innowide Technologies Pvt. Ltd.   **August 2024 - Present, Hyderabad, India**

- Spearheaded the development of 5+ full-stack web applications using MERN stack (React.js, Node.js, MongoDB), increasing application deployment efficiency by 30%
- Collaborated with UI/UX designers, product managers, and developers to deliver scalable software solutions, leading to a 15% reduction in project delivery time.
- Designed and implemented responsive UIs, improving mobile user satisfaction by 20% and reducing load time across devices by 10%.
- Conducted 50+ code reviews, resulting in a 25% reduction in code defects and enhanced team collaboration

Software Developer

Corplyx Technologies Pvt. Ltd.   **June 2023 - July 2024, Noida, India**

- **Assembled** and maintained 10+ React.js web applications, reducing development bugs by 30% through code optimization.
- Integrated Material-UI and React Bootstrap to enhance the visual appeal and responsiveness of web designs, increasing customer engagement by 18%
- Managed state efficiently using React Redux and Redux Toolkit in complex applications, enhancing app performance by 20%.
- Optimized responsive design and cross-browser compatibility, improving user satisfaction by 15% and reducing bounce rates.

Software Engineer Intern

Alias Tech Solutions   **March 2023 - May 2023, Remote, India**

- **Produced** React.js applications, improving code quality and scalability, and reducing maintenance costs by 12%.
- Collaborated with design and development teams, delivering user-centered products that increased client satisfaction by 20%.
- **Integrated user authentication and real-time notifications using Socket.io, reducing user sign-up time by 25%**

SKILLS

Languages: Python, Java

Web Technologies: HTML, CSS, Bootstrap, Tailwind CSS, Material UI, JavaScript, Web Sockets, React.js, Redux, Node.js, Express.js, MongoDB, SQL, Typescript, Next.js, Framer Motion

Tools: Git, GitHub, Jira

PROJECTS

LMS
• **Constructed** a full-stack Learning Management System (LMS) using TypeScript, Node.js, Express.js, MongoDB, Redis, and Next.js 13.

• **Facilitated** user registration, login, and social authentication using Socket.io, reducing user sign-up time by 30% and enhancing real-time engagement.

• **Formulated** course management system features, increasing user course enrollments by 30%.

• Optimized performance using caching and cloud deployment, improving application scalability and reducing downtime by 15%.

E-commerce
• Built and deployed a full-stack e-commerce app using MERN stack, enhancing order management efficiency by 25%.

• **Established** authentication, product listing, and checkout features, improving user checkout speed by 20%.

•Utilized React, Redux Toolkit for state management, Tailwind CSS for responsive design, and Razor Pay for seamless payment processing, reducing payment failure rates by 18%.

• Created an admin panel for product and order management, increasing operational efficiency by 20%.

Job Portal
•**Engineered** a full-stack job portal using the MERN stack, reducing application processing time by 25%.

•Integrated RESTful APIs and Redux Toolkit, streamlining user authentication and admin controls, decreasing application processing time by 20%.

•Gained hands-on experience with MongoDB and Multer for file uploads, improving database performance by 20%.

Touraholic
•**Built** a responsive travel website using HTML, CSS, and JavaScript, increasing user engagement by 18%.

• Integrated versatile features like sliders using JavaScript, improving user interaction by 22%.

• Delivered professional, visually appealing designs, enhancing site traffic by 15%.

EDUCATION

Bachelor Of Technology, Major in Computer Science Engineering   2019-2023
IILM ACADEMY OF HIGHER LEARNING, COLLEGE OF ENGG. & TECHNOLOGY   Greater Noida, India

CERTIFICATIONS

The Complete Web Development Bootcamp
 Udemy • 2024

• Mastered full-stack web development, including HTML, CSS, JavaScript, React.js, Node.js, Express.js, and MongoDB, through Udemy's Complete Web Development Bootcamp.

The Essential Python Programming
 CISCO • 2022

• **Acquired** core Python programming skills, concentrating on critical thinking and automation, through a CISCO course.

Computer System Security
 IIT Kanpur • 2021

• Gained foundational knowledge in computer system security, including cryptography, network security, and threat mitigation strategies, through a comprehensive course at IIT Kanpur.