Mahendra Balal 

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# PROFILE

Full-Stack Developer specializing in the MERN stack (MongoDB, Express, React, Node.js), with a strong track record of building and deploying 10+ web applications and APIs. Skilled in JavaScript, React, Next.js and Node.js, I optimize performance, implement scalable solutions, and ensure security while embracing agile practices and continuous learning.

**EXPERIENCE | PROJECTS**

**Local Handicraft | Trainee at Ironhack | Porto | (07/2024 - 08/2024)**

* Developed a platform enabling artisans to sell products, increasing market reach and sales by 100%. Created a user-friendly interface and implemented secure payment systems, improving user satisfaction and engagement significantly.
* Utilized HTML5, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, and JSON to develop, improving load times by more than 50% and enhancing user engagement.
* Leveraged Git, GitHub for version control, and Postman for API testing, improving efficiency by 100%. Designed UI/UX using Figma, tested applications with Mocha, and deployed projects on Netlify and Adaptable, achieving 99.9% uptime. Applied Agile (Scrum/Kanban) methodologies to increase team productivity.

**Career Building | Trainee at Ironhack | Porto | (04/2024 - 06/2024)**

* Developed a job search app with enhanced navigation and CRUD, improving user engagement significantly.
* Innovated and designed with HTML5, CSS3, and React, enhancing user satisfaction.
* Implemented a backend using Node.js, JSON Server, and Morgan, improving API response times by 50%.
* Utilized Git/GitHub for version control, enhancing collaboration and used Postman for API testing, reducing bugs by 90%. Created Figma prototypes, speeding development and deployed on Netlify and adaptable.io; followed Agile, boosting speed.

**X Motor Bike | Trainee at Ironhack| Porto| (02/2024 - 04/2024)**

* Developed a bike racing game where players navigate diverse obstacles and get extra lives in 5 points. Planned and executed updates to additional obstacles and features, aiming to boost replay, using technologies such as HTML5, CSS3, JavaScript.

**EDUCATION**

**Full Stack Web Development | Ironhack | Porto | (02/2024-08/2024)**

* Built interactive UIs with JavaScript, React, and Context API; established RESTful APIs with Node.js and Express.
* Handled NoSQL databases with MongoDB and Mongoose; utilized Git and GitHub for version control and CI/CD.
* Ensured code quality with Jest and Mocha; collaborate in Agile teams; deployed applications on Netlify and Heroku.

**MSc in Finance | University of Bedfordshire | Luton, UK | (08/2011-02/2013)**

* Year-1: Business Data Analysis, Business Communication | Year-2: Digital Business Management, Corporate Finance

**TRAINING | COURSES**

**Front-End Development | CodeYourFuture | London, UK | (01/2021- 04/2023)**

* HTML5, CSS3, JavaScript, React, Tailwind CSS, and version control with Git.

**Responsive Web Design | FreeCodeCamp | Remote | (02/2019-07/2022)**

* HTML, CSS, Flexbox, Grid, and media queries for adaptable layouts.

**ADDITIONAL**

**Hard Skills:** Proficient in HTML5, CSS3, JavaScript, React.js, TypeScript, Node.js, Express.js, and database with MongoDB. Skilled in software engineering, front-end and back-end development, RESTful APIs, Git, responsive design, User Experience (UX), and Web Applications. Experienced with testing frameworks including Jest, JIRA, and Mocha. Familiar with industry trends, AWS, angular, jQuery, Postman for API testing, documentation and deployment on server-side and client-side using Netlify and Fly.io. Knowledgeable in full software development lifecycle and project oversight Computer Engineering, Gitlab, HTML, Jira, R&D, Selenium Testing Tools.

**Soft Skills:** Effective communication skills, problem-solving, integrity, and dedicated teamwork consulting. Highly adaptable, passionate, self-motivated, reliable, with strong collaboration with team, time handling, and focus self-motivation. Innovative and attention to detail, analytical skills, creativity, and technical skills. Expertise in computer science, information systems and ability to adapt project specifications supervision.

**Language:** English (Proficient) | Nepalese (Native) | Hindi (Conversational)