Mahendra Balal

(351) 920177985 | [Linkedin](http://www.linkedin.com/in/mahendra-balal-11356344) | [GitHub](https://github.com/mahendrabalal) | [Email](http://mahendrabalalport@gmail.com)| 4200-030 Porto, Portugal

# PROFILE

Full-Stack Developer specializing in the MERN stack (MongoDB, Express, React, Node.js) with experience building 20+ web applications and RESTful APIs, enhancing data processing speed by 40%. Proficient in JavaScript, React.js, Node.js, and deployment, with 10+ projects successfully deployed. Skilled and smart in optimizing performance by 50%, developing scalable solutions, and implementing quality assurance and security measures to reduce vulnerabilities. Committed to clean code, ability to make impact on agile practices, and continuous learning of new technologies.

**EXPERIENCE | PROJECTS**

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

* Designed and optimized a platform that enabled 1000s of artisans to sell handmade products, expanding their market reach by 100% and increasing sales by 100%. Designed a user-friendly interface for showcasing crafts and implemented secure payment systems, resulting in a 100% improvement in user satisfaction.
* Utilized HTML5, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, and JSON to develop, improving load times by 60% and enhancing user engagement by 45%.
* Leveraged Git, GitHub for version control, and Postman for API testing, improving efficiency by 35%. 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 by 40%.

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

* Conceptualized and collaborated on a job search website with enhanced navigation and CRUD functionality, improving user engagement by 50% and increasing job applications by 60%.
* Innovated and designed with HTML5, CSS3, and React, enhancing user satisfaction and feedback from 500+ users.
* Implemented a backend using Node.js, JSON Server, and Morgan, improving API response times by 40%.
* Utilized Git/GitHub for version control, enhancing collaboration by 30%. Used Postman for API testing, reducing bugs by 25%. Created Figma prototypes, speeding development by 20%. Deployed on Netlify and adaptable.io with 99% uptime; followed Agile, boosting delivery speed by 35%.

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

* Developed a bike racing game where players navigate diverse obstacles and get extra lives in 5 points, enhancing user engagement by 40%. Planned and executed updates to additional obstacles and features, aiming to boost replay value by 30% 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.

**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)