

# Veda Salkar

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## PROFESSIONAL SUMMARY

Results-driven Software Engineer with over 4 years of experience in full-stack web development and software engineering. Proficient in solving complex problems and implementing scalable, user-focused solutions. Demonstrated ability to lead projects, enhance user experiences, and improve operational efficiency through innovative technical approaches.

## SKILLS

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- **Programming:** PHP, Python, Java, JavaScript, TypeScript
- **Frameworks/Technologies:** Laravel, React, Next.js, Angular, Vue.js, HTML, CSS, Bootstrap
- **Databases:** MySQL, PostgreSQL
- **Others:** Tailwind CSS, SASS, Git, REST API, Data Analysis, Machine Learning

## WORK EXPERIENCE

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### Software Engineer

May 2024 – Present

*Shop and Bakery Equipment Ltd, United Kingdom*

- Overseeing the maintenance and optimization of OpenCart eCommerce platforms for multiple sites, enhancing system performance and user satisfaction.
- Implementing bespoke customizations to meet unique client requirements, improving customer engagement and retention.
- Utilizing PHP, MVC architecture, and MySQL to develop scalable, high-performance web applications.

### Research and Development Software Engineer (Fixed Term)

Oct 2023 – May 2024

*University of Huddersfield, United Kingdom*

- Co-developed the ATMAS system, utilizing PHP, JavaScript, and MySQL within a custom MVC architecture, resulting in streamlined asset management and scheduling processes.
- Designed and implemented the entire UI/UX of the platform, ensuring accessibility compliance (WCAG) and enhancing user experience.
- Collaborated with cross-functional teams to improve workflow efficiency and deliver data-driven insights for decision-making.
- Contributed to a research project by literature reviewing and comparing 3D mesh model conversion tools for digital twinning, to advance university research capabilities.

### Frontend Developer

Apr 2022 – Aug 2022

*Trellissoft Engineering Services Pvt Ltd., India*

- Enhanced the functionality and user experience of dynamic web applications using Angular and TypeScript, improving product usability across various client projects.
- Mentored junior developers, increasing team productivity and fostering a collaborative environment.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines, ensuring seamless transitions from development to production environments.

### Frontend Developer

Oct 2019 – Mar 2022

*Team Inertia Technologies, Goa, India*

- Developed cross-browser compatible websites from scratch using HTML, CSS, and JavaScript, improving user engagement and boosting client conversion rates.
- Created tailored WordPress websites for diverse sectors, streamlining business operations and increasing online sales.
- Built React.js-based UIs for mobile applications, leading to successful app store launches and positive user feedback.

- Collaborated closely with backend teams to ensure high-quality, cohesive development efforts across large-scale projects.

## EDUCATION

### MSc in Computing (with industrial placement)

Sept 2022 – July 2024

University of Huddersfield, United Kingdom

Relevant Coursework: Software Development, Machine Learning and Artificial Intelligence

Grade: Distinction

## PROJECTS

### Muscle Mind Stories

Developed a coming soon page for an upcoming brand using PHP Laravel, Tailwind CSS, and JavaScript, helping build anticipation for the product launch ([www.musclemindstories.com](http://www.musclemindstories.com)).

### Personal Website

Built a personal portfolio using React.js, Tailwind CSS, Framer Motion, and GSAP libraries, enhancing JavaScript development skills and exploring animation techniques to improve user interaction ([www.salkarveda.com](http://www.salkarveda.com)).

### Ramjan Interiors

Designed and developed a portfolio website using HTML, CSS, JavaScript, PHP, and MySQL, helping the business establish an online presence and increase lead generation ([www.ramjaninteriors.com](http://www.ramjaninteriors.com)).

### Automated Test Management and Asset Scheduling System (ATMAS)

Co-developed a web-based platform integrating asset booking and test plan scheduling for advanced manufacturing using PHP, JavaScript, MySQL, and HTML/CSS. Achieved significant improvements in security and operational efficiency by incorporating features like asset inventory management, scanning, and intelligent test creation. [View project](#).

### Detection and Classification of Brain Tumor using Naïve Bayes and J48 Algorithm

Published research in The International Journal of Computer Science Engineering and Information Technology Research (IJCSSEITR). Automated tumor detection using data mining algorithms, improving diagnostic accuracy and contributing to advancements in medical imaging technology. [View paper](#).

## ACHIEVEMENTS

### Accountability Panellist

Sept 2023 – June 2024

Huddersfield Student Union, United Kingdom

Evaluated and ensured the performance of Student Union officers aligned with student welfare objectives, demonstrating a commitment to inclusivity and community engagement.

### Academic Representative for MSc Computing Course

Sept 2022 – Sept 2023

University of Huddersfield, United Kingdom

Acted as a liaison between students and faculty, enhancing communication and promoting a positive learning environment.

### Hospitality Committee Member

June 2017 – Apr 2018

IET Chapter, Goa - India

Demonstrated management and leadership quality as a vital member of the organizing committee for a college-level event, contributing to its successful execution.

## CERTIFICATION

• Vue.js	Apr 2024	• React.js	Apr 2024
• Change Management Skills	Oct 2023	• JavaScript	Mar 2024
• Python	Jan 2023	• Angular	Dec 2022

\* References available on request and more detail available on [LinkedIn](#) and [Portfolio](#).