Rohan Sonawane

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EDUCATION

Master of Science in Computer Science   08/2023 - 05/2025
California State University, Dominguez Hills   Carson, CA, United States

Relevant Coursework
Advanced Artificial Intelligence, Object-Oriented Analysis and Design Methodology, Design and Analysis of Algorithms

Bachelor of Engineering in Information Technology   07/2012 - 11/2016
Mumbai University   Mumbai, India

Relevant Coursework
Data Structure and Algorithms, Software Engineering, Computer Networks, Computer Graphics and Reality, Operating Systems, Distributed Systems

WORK EXPERIENCE

Full Stack Web Developer   10/2020 - 07/2023
Self-Employed   Mumbai, India

Specialist, delivering top-notch solutions with a focus on quality and security.

- **Crafted Comprehensive Website Solutions:** Successfully built website solutions by designing and creating compelling UI/UX employing a skill set that includes **PHP**, **Python**, SQL, HTML5, CSS3, JavaScript, **React.js**, and Node.js.
- **Enhanced Security and Performance:** Strengthened security and performance through regular updates, firewalls, and best programming practices, reducing security breaches by **80%** and enhancing system performance.

Tech-Lead - Full Stack Web Developer   03/2019 - 09/2020
Briefkase Digital Communications Private Limited   Mumbai, India

Empower startups and SMEs through SEO, paid media, and creative content to drive growth.

- **Enhanced Team Efficiency and Quality Assurance:** Hired to lead a 5-person web development team, giving comprehensive training in cutting-edge web technologies, resulting in a **60%** increase in project delivery efficiency and an **80%** decrease in bug-related issues.
- **Client-focused Technical Assistance:** A **30%** increase in revenue and a **95%** or higher satisfaction rating were attained by utilizing efficient technical support and transparent communication as the primary customer point of contact.
- **Collaboration:** Facilitated seamless communication with cross-functional teams, including **SEO, paid media marketing, and graphic design**, to quickly deliver complex, interdependent projects.

Senior - Full Stack Web Developer   06/2017 - 03/2019
Briefkase Digital Communications Private Limited   Mumbai, India

- **Theme Development for Improved Performance:** Enhanced website performance by developing custom themes for **WordPress, Magento, and Shopify** to fit the specific demands of clients. Achieved a spectacular **70%** performance improvement and an **85%** boost in user engagement by simplifying themes for a seamless user experience.
- **Optimization of Marketing Tools:** Increased marketing tool **performance by 50%**, optimizing UI/UX and overall performance of the tool by following excellent software engineering techniques and utilizing **JavaScript** and jQuery to execute code on the client side instead of the server.

Junior Full Stack Web Developer   06/2016 - 05/2017
Briefkase Digital Communications Private Limited   Mumbai, India

- **Development of 30+ Web Applications:** Using HTML5, CSS3, JavaScript, PHP, SQL, and Python, I designed and developed online apps to demonstrate my abilities as a Junior Full Stack Web Developer and developed dependable, feature-rich web applications.
- **Innovative Marketing Tool Creation:** Designed and developed a marketing solutions tool for startups and SMEs, including a **checklist-based progress monitoring system** that empowered users to assess their performance and receive actionable improvement recommendations to increase reach online.
- **Facebook Year in Review:** Led the development of a Facebook Year in Review online tool that provides in-depth metrics for user profiles. Utilized the **Facebook API**, PHP, and JavaScript for a secure, high-performance system.

HOBBIES

Trekking, Gaming, Weightlifting, Manga, Anime

SKILLS AND INTERESTS

PHP, PYTHON, JAVA, C, C++, SQL, **JavaScript**, HTML, CSS, **React.js**, React Native, Next.js, jQuery, TypeScript, Backbone, node.js, Sass, MySQL, Django, Flutter, Git, GitHub, Restful API, **UI / UX**, **WordPress**, Drupal, Magento, Woo-Commerce, **Shopify,** Slim, Laravel, CodeIgniter, Flask.

Other Technologies: AWS, Google Cloud, Digital Ocean, Linux, SCRUM, JIRA, **Artificial Intelligence**, **Machine Learning**, Go, TensorFlow, PyTorch, Numpy, Ruby, Kubernetes, Docker.

Digital Marketing: SEO, PPC, Email Design and Marketing, Analytics, Marketing Automation, Social Media Marketing.

PROJECTS

Interactive Hate Map
🔗 https://cjp.org.in/hate-map

An interactive hate map that tracks incidents of gender-based, castes, ethnic, and communal violence in India.

- Designed and developed a hate mapping tool using Mapbox API, HTML, CSS, JavaScript, and PHP.
- Enhanced efficiency by converting CSV to JSON, optimizing data handling and content loading without the need for database storage.
- The whole UI/UX was significantly enhanced, ensuring that users could quickly access and engage with the map to better understand and evaluate hate-related incidences in India.

Solar Energy Calculator
Webapp calculates how much a consumer may save on their **power bill** by adopting the company's **Solar Solution**.

- Utilized Google Sheets and its API to provide seamless data integration and computation, demonstrating skill in web development and API usage.

Custom WordPress Themes and Plugins
🔗 https://linktr.ee/rsonawane

Event, Petition Management, Donate System.

- Developed a set of customized plugins with features ranging from event management to petition management to a donation system.
- Custom themes and plugins improved the functionality of the WordPress website, resulting in a 60% performance increase by removing redundant files, lowering load times, and optimizing resource utilization.
- Fast-loading websites resulted in greater Google ranks, better user experiences, and increased income.

Learning Management System (Academic Project)
PHP-based user-friendly LMS for web and Android.

- The goal was to design a user-friendly, lightweight LMS that could be easily deployed by a non-technical person, and with a simple setup procedure, customers may simply launch their own online courses selling platform.
- Included are core LMS capabilities such as course, page, blog, and faculty management, as well as user-specific dashboards for professors, students, and administrators.

EXTRACURRICULAR

N.S.S. (National Service Scheme) Volunteer - (Organized and attended Events), Worked as **Co-Editor** for Departmental Magazine **M.A.D. 13 (Making A Difference)** for College and Member of the Drama Club for College fest **FUSION**.