Priyanka Zala

Jersey City, NJ

priyankazala9999@gmail.com | https://www.linkedin.com/in/pzala/ | https://github.com/priyankazala | priyankazala.netlify.app

EDUCATION

Stevens Institute of Technology, Hoboken, NJ　　　　　　　　　　　　　September 2022 – May 2024
Master of Science in Computer Science

Mumbai University, Mumbai, India　　　　　　　　　　　　　　　　　　August 2017 – May 2021
Bachelor of Engineering in Computer Science

SKILLS & CERTIFICATIONS

Programming Languages: Python, Java, C, JavaScript, HTML5, CSS
Web Development Skills: Node.js, React.js, MongoDB, Express.js, Handlebars, Redis, MySQL
Libraries: NumPy, Pandas, Scikit-learn, Keras, TensorFlow, PyTorch, Matplotlib, Seaborn, SciPy
Familiar Technologies: Git JIRA, Visual Studio Code, Jupiter Notebook, Scrum, Agile methods, Microsoft Office, Redux, Flask
Certifications: Front-end web UI frameworks and Tools with Bootstrap4, authorized by The Hong Kong University of Science and Technology, Python certification course authorized by the University of Michigan through Coursera

RELEVANT EXPERIENCE

Creative Finserv Pvt Ltd, Mumbai, India
Software Development Intern　　　　　　　　　　　　　　　　　　　　March 2020 - November 2020
- Conducted testing and debugging processes to identify and resolve issues, for optimal performance across various browsers.
- Worked with developers as a team to integrate new features and functionalities into the CRM portal, addressing specific business needs and ensuring a cohesive and effective final product.
- Implemented Python and Django best practices to refactor and rewrite PHP code, optimizing performance and aligning the CRM portal with industry standards.
- Gained hands-on experience with web development tools and frameworks, including but not limited to Bootstrap and jQuery.

SAHU Technologies, Mumbai, India
Front End Web Development Intern　　　　　　　　　　　　　　　　　　June 2019 - July 2019
- Created an online presence for the company, which resulted in an upsurge of 40% in sales.
- Collaborated with the front-end development team to create and implement responsive web designs for various client projects.
- Assisted in the development and maintenance of user-friendly interfaces, for optimal user experiences across different devices.
- Corresponded closely with UX/UI designers to translate design mockups into functional web pages, ensuring consistency with the intended visual aesthetics.

WORK EXPERIENCE

Stevens Institute of Technology, Hoboken, NJ
Course Assistant　　　　　　　　　　　　　　　　　　　　　　　　　September 2023 – December 2023
- Conducted review sessions, simplifying complex KDDM concepts to aid student exam preparation.
- Provided personalized one-on-one guidance, tailoring explanations to individual learning styles to enhance learning effectiveness.

PROJECTS EXPERIENCE

Live cricket updates website | Firebase, MongoDB, Elastic search　　　　　　February 2023 - April 2023
- Built a Live cricket updates website that has a user-friendly interface by leveraging react.js as the front-end framework, providing a seamless browsing experience for cricket fans.
- Took ownership of live commentary, player stats, and real-time chat features using tools like Socket.io and Redis for caching giving an interactive experience to the users.

A web platform for Fitness enthusiasts | NodeJS, ExpressJS, Bootstrap　　　October 2022 - November 2022
- Led the development of a comprehensive platform featuring yoga articles, and connections among fitness enthusiasts.
- Designed the web application using HTML, CSS, and JavaScript for the front end, and MongoDB for the database.
- Increased user engagement by implementing progress update sharing with likes and comments, resulting in a 50% increase in daily active users.

Website that gives daily horoscope updates | Flask, CSS, React, Beautiful Soup　　November 2022- December 2022
- The website's frontend is crafted using React, incorporating interactive CSS elements, and it's live on the internet
- Python's Flask framework drives the backend, scraping and structuring website data into JSON
- The backend is independently hosted online, and the frontend communicates with it via Axios calls

Core Competencies

Software Engineer, Responsive Design, User Interface (UI), web development, Usability Testing, Code Review, Design Implementation, Web Page Development, interactive Features, Frameworks and Libraries, Mobile Responsiveness, UI/UX Collaboration, Creative Problem-Solving, Website Performance, Visual Aesthetics