Udit Singh

Full Stack Web Developer, Cybersecurity Enthusiast

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WORK EXPERIENCE

Full Stack Developer – Whizoid Studio LLP (Dec 2021 – Present)
- Specializes in full-stack web development using MERN stack and NodeJS, ReactJS, NextJS, Express, HTML/CSS/JS, and MongoDB.
- Proficient in web hosting, speed optimization, and cybersecurity with experience working with small businesses.
- Experienced in creating custom web solutions for small businesses to help them make an impact on the web.
- Capable of configuring servers and optimizing website performance, while ensuring secure web solutions for clients.

Technical manager & Software Engineer – Infinity Research Labs Pvt. Ltd. (Jul 2021 – Dec 2021)
- Gained expertise in MERN stack web development
- Gained experience in JavaScript-based web development
- Designed a responsive and multi-themed website for UpgradeMore Community
- Delivered multiple responsive WordPress Websites
- Managed complexities with advanced technologies and delivered exceptional results for clients
- Gained expertise in effective communication with clients and efficient project management

Full Stack Developer & Security Researcher - HackerCTF (Dec 2020 – Nov 2021)
- Gained experience in Cybersecurity and Penetration Testing
- Developed various practice labs as a Lab Controller
- Shifted to the Cybersecurity domain and contributed as a researcher
- Worked with various small-scale businesses and helped them grow their revenue even during the time of COVID
- Gained expertise in MERN stack web development
- Acquired knowledge and skills in full-stack web development

Associate Consultant – ElitesDev (Apr 2021 – Sep 2021)
- Delivered various national & international award-winning Robotics solutions
- Led a Team of development enthusiasts and contributed to various projects
- Maintained sales, customer relationship management, and team management
- Developed analytical and communication skills

Cloud Architecture Manager & Co-Founder – Cloudwingshost (Dec 2019 – Oct 2020)
- Delivered solutions and consultancy for cloud services
- Provided services that improved organization management for our clients
- Gained experience in cloud computing, web hosting, and various web services

PROJECT EXPERIENCE

Whizoid Studio - Website Development with CMS for Blogs, Forms, Testimonials, Portfolio.
- The website is built with MongoDB, ExpressJs, ReactJS, NodeJs..
- The website is stunning, crafted with creativity and modern design.
- The website has more than 30 pages of engaging content, including insightful blogs.
- The website has been skillfully deployed on the AWS platform.
- The website offers top-notch performance and seamless optimization for an unparalleled user experience.

Cyber Suraksha Help - Website Development
- The goal was to develop a website that showcases measures to protect oneself from cyber scams and frauds, with detailed guidelines for fighting against cybercrime and reporting it.
- The approach involved conducting research, establishing goals, validating assumptions, and defining requirements.
- The website layout was constructed with multiple sections to accommodate the content and methods for victims to seek help.
- The website was designed and developed as per the client's team's instructions.
- The client was pleased with the website's structure and the features implemented to help visitors and provide them with enough options to get in touch with the Cyber Crime Suraksha Help team.

Upgrademore Community - Website Design and Development
- The goals were to create a multi-page website with a dark/light theme toggle, home page with illustrations, recent/upcoming events listing, crews listing page, community overview page, cyber security virtual program page, and about us and contact us page with team member listing.
- The tech used included ReactJS, Material UI, Node Js for basic structure, Express, and NextJS for optimized build with CSS/bootstrap.
- The developer worked on both the frontend and backend of the website, including illustrations and basic SEO.
- The website was completed in 12 days from designing to deployment.
- There were some issues with the dark and light theme toggle, but they were resolved.
- Most of the content is saved in JSON files and works as a static API.

Upgrademore Labs- CTFs and Practice Labs
- Upgrademore Labs is a platform that offers multiple Live Hosted CTFs (Capture the Flag) to users.
- The platform provides practice and learning Labs for Linux and Python, allowing users to hone their skills in these areas.
- The website is highly secure, given the presence of vulnerable labs on the platform. This ensures that users can practice and test their skills in a safe environment.
- The platform features a VulnApp Lab, which has 30 web application vulnerabilities for users to test and practice their skills on.

Spaura Infrastructure Ltd - Website Design and Development
- The enhanced portfolio showcased the company's wide range of experience and capabilities, setting them apart from competitors.
- Basic SEO implementation helped the company appear at the top of search results for their company name, making it easier for potential clients to find them online.
- The responsive design made the website accessible and user-friendly across all devices, improving the user experience for prospects.
- The website successfully achieved its goal of showcasing Spaura Infrastructure Ltd.'s expertise and enhancing their online presence.

Hotel & Resort Booking System: Tanmay Gateways
- The client sought to develop a website with a booking system for easy booking management.
- The goal was to develop a website that showcases the locations visually, displays all the amenities available, and incorporates a booking system and an administrative portal for easy booking management.
- The approach included using a trusted platform as a base, building upon it by adding multiple features and creating the necessary features for the website in the backend and frontend development.
- The website was completed on time and launched successfully, with the team happy to have a new booking management system in place that refined their business workflow.

G A Bhilare Consultants Private Limited - Website Design and Development
- The goal was to create a modern UI website that showcases their portfolio and expertise and appears at the top of search results when someone searches for their company name.
- We completed end-to-end website design and development for the client using the WordPress platform to create a responsive website with a wide range of portfolios.
- During the site discovery phase, our web design and development team researched, set goals, validated assumptions, and defined requirements to create a vision for the website's development.
- Created the designs per the client's instructions and applied them to the site's Back End and Front End development.

Infinity Research Labs (Anonymity Cyber Security Labs Pvt Ltd) - Website Design and Development
- We built a WordPress website with a modern UI and basic SEO, with individual pages for each service, following a truncated discovery process to meet the client's deadline.
- Completed the SEO and social media creatives based on the client's content requirements.
- The launched website has helped increase the client's business, with the SEO service helping it to rank highly on many keywords.
- Clients and users appreciated the logo, social media creatives, and website UI maintained within the same theme.

Revell Creations Pvt Ltd - Website Design and Development
- Project: development of a modern and responsive website for Revell Creations Pvt Ltd
- Technologies used: ReactJS, NextJS, and React Bootstrap
- Objectives: create a visually appealing and user-friendly website, optimize for various screen sizes, and deliver the project within the given timeframe and budget
- Approach: initial consultation, wireframes and UI designs, website development, thorough testing, and final product presentation to the client for approval
- Result: successful delivery of a visually appealing and responsive website, which received positive feedback from website visitors

HackerCTF Community - Subscription Management System Development
- The system is built using PHP, MySQL, Codeigniter, WordPress, and Bootstrap.
- The system features a sleek dark theme with red as its primary color.
- The system has over 300+ users with 24x7 CTF Practice Labs hosted on AWS, which are integrated into the dashboard.
- The Subscription Management feature allows users to manage their subscriptions, renew their subscription, and make payments easily.
- The CTF Practice Labs are an essential component of the HackerCTF community, and users can access them from the dashboard to participate in challenges and track their progress.
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EDUCATION

Bachelor of Technology (BTech, Computer Science) | Sagar Group Of Institutions – SISTec

SKILLS & COMMUNICATION

Expertise: Web Application Development with MERN Stack, Automation with Python.
Technologies: ReactJS, Node.js, Express.js, NextJs, MongoDB, REST APIs, MySQL, Amazon Web Services, Git.
Programming Languages: JavaScript, Python, PHP, C/C++, Bash.
Tech Stack: MERN, MEAN, WordPress (Elementor/WPBakery), Shopify.
Other Tools: G-Suite, Figma, Adobe Design Suite (Photoshop, Illustrator, InDesign, Lightroom), Canva.
Communication: English (*fluent*) | Hindi (*fluent*)

CERTIFICATIONS & ACHIEVEMENTS

Introduction to IT & Cybersecurity - **Cybrary**

Introduction to Programming Using Python - **Cybrary**

AWS Cloud Practitioner Essentials - **AWS Training and Certifications**

The Fundamentals of Digital Marketing - **Google Digital Unlocked**

INTERESTS & HOBBIES

Field of Interest: Full Stack Development, Python Scripting, Business Development, Digital Marketing, Graphics Designing.

Hobbies: Gaming, Travelling, Listening to Music, Watching Movies and Web Series.