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FULL STACK DEVELOPMENT & GEN.AI MACHINE LEARNING TRAINER

With a decade of experience leading web development and GenAI machine learning training, I've got the lowdown on all things tech. From basic web stuff like HTML and CSS to fancy tools like React, Node.js, MongoDB and TensorFlow, I've got it covered. I used to build websites with Wordpress, React and now I teach others as well how to do it too, all fueled by my love for tech and helping others.

I'm all about staying up-to-date with the latest trends in the industry. Whether it's playing with Large Language Models (LLMs) from Hugging Face or dabbling in ChatGPT for natural language processing (NLP), I'm all in. Developing and training are at the core of what I do—I love sharing knowledge and empowering others to reach their goals. My aim? To shake things up in the tech world by leading projects that push the limits of what we can do in both web development and GenAI machine learning, while also mastering databases like MySQL along the way.

KEY COMPETENCIES

Full Stack Development with GenAI
WordPress
Data Visualization

Effective Communication
Reinforcement Learning
Innovative Problem Solving

Model Deployment
Tutorial Video Editing
(CI/CD) for GenAI (MLOps)

PROFESSIONAL EXPERIENCE

Innivec (Multihexa & Eton College), British Columbia, Vancouver, Canada (Remote)

Analyst Programmer & Full Stack Trainer with Graphics Designing | June, 2023 - Present

Accomplishments:

- Incorporating tools like Tableau and Excel for data visualization and analysis, equipping students with the skills to integrate data-driven insights into their web applications.
- Proficiently teaching foundational languages: HTML, CSS, and JavaScript, React, Redux toolkit building a strong coding foundation.
- Expanding the curriculum to encompass graphic design tools within Adobe Creative Cloud, such as Photoshop, Illustrator, and InDesign, to empower students with the ability to create stunning visuals and user interfaces.
- Incorporating project management skills into the training program, teaching students how to effectively plan, organize, and execute web development projects from inception to deployment.
- Emphasizing the importance of time management in the fast-paced world of web development, providing strategies and techniques to help students optimize their productivity and meet project deadlines.
- Introducing Adobe XD as a tool for prototyping and wireframing, allowing students to design and iterate on user interfaces before diving into development.
- Integrating XAMPP into the curriculum to teach students how to set up local development environments and deploy dynamic web applications using Apache, MySQL, PHP, and Perl.
- Introducing students to Python and its applications in web development, including frameworks like Django and Flask, to broaden their programming skill set and enhance their problem-solving abilities.
- Offering instruction in basic Java programming to provide students with a foundational understanding of object-oriented programming concepts and broaden their scope of backend development possibilities.
- Encouraging students to develop proficiency in a diverse range of technologies, fostering adaptability and resilience in the ever-evolving landscape of web development.
- Providing mentorship and guidance to help students navigate the challenges of becoming industry-ready full stack developers, nurturing both their technical skills and their professional growth.

Udemy

Web Tech. & Data Science Trainer | March, 2021 - Feb, 2023

Accomplishments:

- Skillfully training students in various technical domains.
- Imparting comprehensive knowledge of essential web technologies: HTML, CSS, JavaScript, jQuery, and Bootstrap.
- Instilling proficiency in JavaScript, empowering students to create dynamic and interactive web elements.
- Expanding the creative horizons with Adobe Photoshop, teaching image editing and design techniques.
- Nurturing design skills using Canva, helping students create compelling visual content for digital platforms.
- Conducting engaging hands-on coding sessions to reinforce theoretical knowledge with practical experience.
- Providing prompt and responsive technical support, ensuring students' queries are addressed effectively.
- Creating a dynamic learning environment that encourages curiosity, exploration, and skill mastery.
- Teaching data science and Machine learning, its significance across industries, and the typical workflow, including data acquisition, cleaning, analysis, and interpretation.
- Teach essential programming languages for data science, such as Python and R, focusing on libraries like Pandas, NumPy, and SciPy for data manipulation and analysis.
- Introduce big data technologies such as Hadoop and Spark, explaining their roles in processing and analyzing large datasets efficiently.
- Cover advanced machine learning topics, including neural networks, natural language processing (NLP), and deep learning, using frameworks like TensorFlow and Keras.
- Familiarize students with popular data science tools and platforms such as Jupyter Notebooks, Anaconda, and cloud-based services like Azure and Google Cloud for scalable data science projects.

ProfMax Education Research & Consulting

Full Stack & Data Analysis Developer & Trainer | April, 2013 - Feb 2021

Accomplishments:

- Playing a dual role, contributing significantly to both educational and development sectors.
- Establish foundational understanding of data types, structures, cleaning, and manipulation techniques.
- Dive into statistical methods including descriptive stats, probability distributions, and hypothesis testing.
- Learn data visualization tools like Matplotlib, Seaborn, and Plotly for creating informative graphs and dashboards.
- Explore machine learning basics such as regression, decision trees, and clustering for predictive analytics.
- Apply skills through hands-on projects analyzing real-world datasets from diverse domains.
- Provided corporate training on Python and JavaScript, focusing on practical application and best practices in coding.
- Nurtured problem-solving abilities and fostered creative thinking among budding developers, particularly in the areas of database management and CMS development.
- Collaborated with fellow trainers to refine the curriculum, incorporating latest industry trends and practices, with special emphasis on CMS like Drupal and WordPress.

EDUCATION

Dr. Virendra Swaroop Institute Of Computer Studies

Bachelor of Computer Applications (Web Development)

2009-2012

PROJECTS

- **My Portfolio Website - <https://codexanand.in>**

Demonstrated expertise in HTML, CSS, JavaScript and WordPress to create a responsive portfolio website showcasing projects, skills, and achievements. Incorporated CSS animations to enhance visual appeal and user experience.

- **SSDEC School Website - ssdecknp.edu.in**

Designed the SSDEC school website using HTML, CSS, JavaScript, WordPress and React/Node ensuring smooth navigation and optimal user experience. Integrated a news feed using JavaScript to keep parents and students updated.

- **MP-Fitness Gym Website - <https://mpfitness.in>**

Developed the MP-Fitness gym website with HTML, CSS, JavaScript, Angular and Git, featuring a dynamic class schedule built with JavaScript for easy tracking of fitness classes.

- **Future Edtech App- <https://digititans.online>**

Collaborated on the DigiTitans edtech website, utilizing HTML, CSS, JavaScript, SCSS, React, Redux and Git, and implemented an interactive course catalog using JavaScript to display available courses.

- **IT Solutions Agency - <https://anand639.github.io/AimHighTech/>**

Established an online presence for an IT solutions agency with HTML, CSS, JavaScript, React-Redux and Git, emphasizing key services through parallax scrolling effects and an interactive contact form.

- **Technical Course Selling App- <https://talentzone.live>**

Created a platform for selling technical courses, integrating HTML, CSS, JavaScript, Git, WordPress and Bootstrap for responsive design. Implemented user authentication using JavaScript for secure access to course materials.

- **Restaurant Website - <https://anand639.github.io/anand-Restro/>**

Designed the Anand Kitchen restaurant website with HTML, CSS, JavaScript, and Git, featuring an interactive menu with JavaScript animations for an engaging dining experience.

- **Quote Generator with API - <https://anand639.github.io/quote-generator>**

Demonstrated expertise in HTML, CSS, JavaScript and Node/React to create a responsive portfolio website showcasing projects, skills, and achievements. Incorporated CSS animations to enhance visual appeal and user experience.

- **Unsplash API - <https://anand639.github.io/Infinite-Scroll>**

Implemented the Unsplash API using JavaScript, HTML, CSS, and Git, creating an infinite scroll feature that loads new images dynamically as the user scrolls.

- **Basic HTML/CSS Dating Website for Dogs - <https://tindog.anandsrivastav3.repl.co>**

Designed a playful dating website for dogs with HTML, CSS, Git, Sass, and SCSS, utilizing CSS grid layout for responsive positioning of elements and Sass variables for efficient styling.