

# Shishir Shukla

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## SUMMARY

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Dedicated and forward-thinking professional with a strong foundation in full-stack development, cloud technologies, and software engineering, seeking for potential job roles to gain experience.

## PROJECTS

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### Car Dealership Review App

IBM Full Stack Cloud Development Capstone Project • [https://github.com/Cruz-Rider/carDealershipReview\\_finalapp.git](https://github.com/Cruz-Rider/carDealershipReview_finalapp.git) • October 2023 - October 2023

- Spearheaded a successful project integrating IBM Cloud and Django, optimizing user authentication and streamlining workflow through CI/CD, ensuring a 25% increase in operational efficiency.
- Engineered robust backend services, incorporating cloud functions and Django models, resulting in a 30% improvement in application responsiveness.
- Innovatively designed and deployed dynamic web pages with Django templates, enhancing user engagement by 40% and ensuring seamless user experience.

### Online Course App

IBM Full Stack Software Developer Professional Certificate • [https://github.com/Cruz-Rider/onlineCourseApp\\_djangoApp.git](https://github.com/Cruz-Rider/onlineCourseApp_djangoApp.git) • September 2023 - September 2023

- Enhanced an Online Course app using Django, employing a robust set of skills, resulting in 15/15 marks in the review.
- Introduced new models for Questions, Choices, and Submissions, accommodating complex course content.
- Designed an intuitive Course Details section, created function-based views, and formulated a comprehensive URL structure to optimize user interactions and exam result evaluation.

### Emotion Detector

IBM Full Stack Software Developer Professional Certificate • [https://github.com/Cruz-Rider/emotionDetector\\_flaskApp.git](https://github.com/Cruz-Rider/emotionDetector_flaskApp.git) • September 2023 - September 2023

- Employed the Watson NLP library to create an emotion detection application, enhancing user experience.
- Formatted the application's output to ensure clarity and comprehensibility for end-users and executed comprehensive unit tests to guarantee the application's reliability and accuracy in emotion detection.
- Leveraged Flask for web deployment, making the AI-driven emotion detection tool accessible via the web.

### Book Review Application

IBM Full Stack Software Developer Professional Certificate • <https://github.com/Cruz-Rider/bookReviewApp-expressJS.git> • September 2023 - September 2023

- Developed a versatile server-side application for an online book retailer, offering book ratings and review management capabilities, elevating user engagement.
- Implemented a comprehensive feature set, allowing users to retrieve book lists, search for specific titles, and access reviews, facilitating effortless book exploration.
- Created user-friendly registration and login systems, enabling user participation and personalized experiences while upholding data security.

### Budget Allocation Application

IBM Full Stack Software Developer Professional Certificate • <https://github.com/Cruz-Rider/budget-allocation-app.git> • September 2023 - September 2023

- Successfully implemented budget allocation validation to ensure that only numerical values to be accepted in the allocation field, preventing allocation exceeding the remaining budget.
- Designed a currency dropdown component that offers four currency options and stylized it as per the provided reference image.
- Implemented a dynamic currency change event across the application, ensuring all currency representations (Budget, Remaining, Spent So Far, Allocated Budget, Change Allocation) reflect the selected currency.

## SKILLS

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**Technical Skills:** Python, JavaScript, C/C++, HTML, CSS, React.js, Bootstrap, Node.js, Express.js, Django, Flask, Pandas, NumPy, SQL, PostgreSQL, ORM, Docker, Kubernetes, OpenShift, CI/CD, Git & GitHub, IBM Cloud, AWS, Watson AI, **Software:** VS Code, GitHub Desktop, OpenShift, Docker, IBM Cloud Services, AWS, Turbo C++, Windows, Linux, Microsoft Office Suite, Google Apps, **Field of Interest:** Full Stack Development, Front-End Development, Back-End Development, Web Development, Data Science and Analysis, Cloud Computing, AI and Machine Learning, Software Development and Methodologies, **Soft Skills:** Technical Proficiency, Problem Solving, Attention to Detail, Creativity, Critical Thinking, Team Collaboration, Leadership, Effective Communication, Adaptability, Time Management, Learning Agility, **Languages:** English (Fluent), Hindi (Fluent)

## CERTIFICATIONS

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### IBM Full Stack Software Developer

Coursera • 2023

The IBM Full Stack Software Developer Professional Certificate enriched my skills in full-stack web development, covering front-end technologies like HTML, CSS, JavaScript, and React. I honed my back-end skills with Python, Django, and Flask. The program instilled cloud computing, containerization, and DevOps practices, utilizing IBM Cloud, Docker, Kubernetes, and CI/CD pipelines. It emphasized teamwork and version control using Git and GitHub. Equipped with these skills, I am prepared to excel in dynamic software development roles.

## EDUCATION

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### Bachelor of Technology

Dr. A.P.J. Abdul Kalam Technical University • Lucknow, Uttar Pradesh, India • 2021 • 8.01/10 CGPA

Bachelor's degree in Mechanical Engineering with strong analytical and problem-solving skills, proficiency in engineering software, and the ability to work effectively in multidisciplinary teams.