COURSE CERTIFICATE

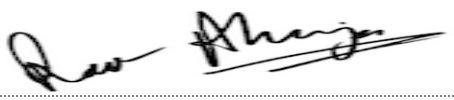
Apr 28, 2024

Chirayu Tongra

has successfully completed

Getting Started with Front-End and Web Development

an online non-credit course authorized by IBM and offered through Coursera



Rav Ahuja
Global Program Director
IBM Skills Network

Ramanujam Srinivasan

Verify at:
https://coursera.org/verify/V2XMHSZ6XFDL

Coursera has confirmed the identity of this individual and their participation in the course.

IBM

COURSE CERTIFICATE

Apr 28, 2024

Chirayu Tongra

has successfully completed

Introduction to Software Engineering

an online non-credit course authorized by IBM and offered through Coursera

Lin Joyner, Senior Instructional Designer & Content Developer
Rav Ahuja, Global Program Director
Bethany Hudnutt, Instructional Designer at Skill Up Technologies

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at:
https://coursera.org/verify/HBLRFP7GKA8Y

Coursera has confirmed the identity of this individual and their participation in the course.

IBM

COURSE CERTIFICATE

Mar 5, 2024

Chirayu Tongra

has successfully completed

Designing User Interfaces and Experiences (UI/UX)

an online non-credit course authorized by IBM and offered through Coursera

Muhammad Yahya

Corey Leong
Muhammad Yahya
Rav Ahuja

EDUCATION FOR EVERYONE · COURSE CERTIFICATE

coursera

Verify at:
https://coursera.org/verify/M6GNLN5MS7XL

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE
CERTIFICATE

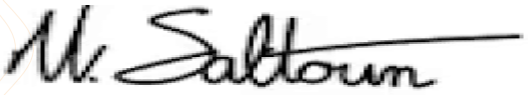
Apr 28, 2024

Chirayu Tongra

has successfully completed

Introduction to HTML, CSS, & JavaScript

an online non-credit course authorized by IBM and offered through Coursera



Michelle Saltoun
Software Developer
IBM

Upkar Lidder
Senior Software Engineer
IBM

Verify at:
https://coursera.org/verify/AP7U43GPGX3R

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE CERTIFICATE

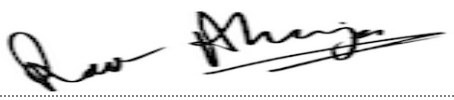
Apr 28, 2024

Chirayu Tongra

has successfully completed

Developing Websites and Front-Ends with Bootstrap

an online non-credit course authorized by IBM and offered through Coursera



Rav Ahuja
Global Program Director
IBM Skills Network

Ramanujam Srinivasan

Verify at:
https://coursera.org/verify/LMLMYECM4BYG

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE
CERTIFICATE

Apr 28, 2024

Chirayu Tongra

has successfully completed

Getting Started with Git and GitHub

an online non-credit course authorized by IBM and offered through Coursera

Upkar Lidder
Rav Ahuja
Lavanya Thiruvali Sunderarajan

Verify at:
https://coursera.org/verify/UTF442FB5T4U

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE
CERTIFICATE

Apr 28, 2024

Chirayu Tongra

has successfully completed

Developing Front-End Apps with React

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director
IBM Skills Network

Verify at:
https://coursera.org/verify/S9R96ZAW2E5W

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE CERTIFICATE

Apr 29, 2024

Chirayu Tongra

has successfully completed

Intermediate Web and Front-End Development

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Muhammad Yahya
Ramanujam Srinivasan

Verify at:
https://coursera.org/verify/GKEQP2JQQ5UH

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE CERTIFICATE

Apr 29, 2024

Chirayu Tongra

has successfully completed

Get Started with Cloud Native, DevOps, Agile, and NoSQL

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director
IBM Skills Network

Muhammad Yahya
Software Engineer and Data Consultant

Verify at:
https://coursera.org/verify/CUZVDMX3FQB6

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE CERTIFICATE

Apr 28, 2024

Chirayu Tongra

has successfully completed

Software Developer Career Guide and Interview Preparation

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director
IBM Skills Network

Verify at:
https://coursera.org/verify/EEP3KFCKSJYE

Coursera has confirmed the identity of this individual and their participation in the course.

COURSE CERTIFICATE

Apr 29, 2024

Chirayu Tongra

has successfully completed

Front-End Development Capstone Project

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director
IBM Skills Network

Richa Arora
Full Stack Web Developer (MERN & MEVN) and Subject matter expert

Verify at:
https://coursera.org/verify/3XYAAQLWXZ38

Coursera has confirmed the identity of this individual and their participation in the course.

11 Courses

- Getting Started with Front-End and Web Development
- Introduction to Software Engineering
- Designing User Interfaces and Experiences (UI/UX)
- Introduction to HTML, CSS, & JavaScript
- Developing Websites and Front-Ends with Bootstrap
- Getting Started with Git and GitHub
- Developing Front-End Apps with React
- Intermediate Web and Front-End Development
- Get Started with Cloud Native, DevOps, Agile, and NoSQL
- Front-End Development Capstone Project
- Software Developer Career Guide and Interview Preparation

Apr 29, 2024

IBM Skills Network

Chirayu Tongra

has successfully completed the online, non-credit Professional Certificate

IBM Front-End Developer

In this Professional Certificate, learners developed the core skills needed to design and develop web and front-end applications. The Certificate holder has demonstrated the ability to build web pages using HTML, CSS, and JavaScript; apply user interface and user experience (UI/UX) best practices and principles; manage code using GitHub repositories and branches; create applications using front-end frameworks, such as React JS; test and debug applications; deploy applications using automated build tools; and create a fully functional front-ends for dynamic apps that interact with external/backend services using RESTful APIs. The certificate holder should be ready to take on the challenges of an entry-level front end developer role.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
https://coursera.org/verify/professional-cert/NSC4ES5ARH22