



Charchit Bansal

Nationality: Indian **Date of birth:** 26/03/2001

Phone number: (+39) 3511276671 **Phone number:** (+91) 8586816038

Email address: charchit95@gmail.com

WhatsApp Messenger: +393511276671

LinkedIn: <https://www.linkedin.com/in/charchit-bansal/>

Github: <https://github.com/charchit95/>

Home: 63B Via di Gello, 56123 Pisa (Italy)

WORK EXPERIENCE

IT consultant

Nexgen IOT Solutions [01/02/2023 – Current]

City: Gurugram

Country: India

My main role and responsibilities are focused on providing expert advice and guidance to organizations on frontend development best practices and technologies. My responsibility is to collaborate with clients to understand their needs, requirements, and business objectives, and to develop and implement frontend development strategies that will help them achieve their goals.

I am responsible for providing technical leadership and expertise in areas such as UI/UX design, responsive web development, and frontend frameworks such as React, Angular, and Vue. This involves working closely with the client's design team to develop user-friendly and responsive interfaces, and implementing them using a variety of frontend technologies such as HTML, CSS, JavaScript, and related frameworks.

Another key responsibility is to ensure that the frontend development process adheres to industry standards and best practices. This includes conducting regular code reviews, testing and debugging software for bugs and errors, and optimizing code for faster load times and improved user experience.

Additionally, I am responsible for staying up to date with the latest trends and technologies in frontend development and sharing this knowledge with clients to help them achieve their objectives. This includes providing training and support to client development teams and collaborating with other consultants and stakeholders to ensure that our frontend solutions integrate seamlessly with other organizational systems.

Programmer

Directorate of Education, GNCT Delhi [01/02/2022 – 31/01/2023]

City: New Delhi

Country: India

As a Software Programmer at Directorate of Education, my KRAs encompass a range of responsibilities. My primary KRA was to lead and manage a team of developers to design, develop, and maintain software applications that support the educational programs and initiatives of the organization. This includes collaborating with stakeholders to understand their needs, defining software requirements, and delivering high-quality software solutions on time.

In addition, I was responsible for overseeing the software development lifecycle, from design to testing to deployment, and ensuring that all software solutions meet industry standards for quality and performance. This involves conducting regular code reviews, testing software for bugs and errors, and optimizing code to improve application performance and user experience.

Another key KRA was to keep abreast of the latest trends and technologies in software development and to apply this knowledge to enhance the efficiency and effectiveness of the software development process. This includes

identifying areas for improvement and implementing new development methodologies or tools that can streamline workflows and reduce development time.

Finally, I was responsible for maintaining accurate documentation of all software development activities and collaborating with other teams and stakeholders to ensure that the software solutions we develop were integrated seamlessly with other organizational systems. Overall, my KRAs were focused on delivering high-quality software solutions that meet the needs of the organization and its stakeholders, while ensuring that our team is operating at the highest level of efficiency and effectiveness.

Frontend Developer

Nexgen IOT Solutions [01/04/2021 – 10/04/2022]

City: Gurugram

Country: India

As a Frontend Developer at Nexgen IOT Solutions, my KRAs included several responsibilities. My primary KRA was to develop and maintain user-friendly and responsive interfaces for various web applications. This involves collaborating with the design team to create visually appealing and functional layouts and implementing them using a variety of technologies such as ReactJs, NextJs, Gatsby and various frontend frameworks.

Another important KRA was to ensure that our web applications are optimized for performance and speed. This involves conducting regular testing and debugging, optimizing code for faster load times, and staying up to date with the latest industry trends and technologies.

Additionally, I was responsible for ensuring that our web applications are cross-browser and cross-device compatible, and for implementing responsive design principles to provide the best user experience across all devices and screen sizes.

Finally, I was responsible for maintaining proper documentation of all frontend code and collaborating with other developers and stakeholders to ensure seamless integration with backend systems. Overall, my KRAs were focused on delivering high-quality frontend solutions that meet clients' needs while adhering to industry standards and best practices.

EDUCATION AND TRAINING

Frontend Developer Internship

Nexgen IOT Solutions [01/01/2021 – 31/03/2021]

Address: Gulf Adiba, Phase II Udyog Vihar, Sector 20, 122001 Gurugram, Haryana

Website: <https://nexgeniots.com/>

Penetration Testing Internship

Virtually Testing Foundation [01/10/2021 – 30/11/2021]

City: Los Angeles, California

Country: United States

Website: <https://vt.foundation/>

Cyber Security Analyst

Hackveda Ltd. [01/09/2020 – 31/03/2021]

Address: H-3/60, III Floor Sector-18, Rohini, 110089 New Delhi (India)

Website: <https://www.hackveda.in/>

EDUCATION

Bachelors of Computer Science

[08/2019 – 09/2022]

Maharaja Surajmal Institute, New Delhi, India

Masters of Computer Science

[09/2023 – Current]

University of Pisa, Pisa, Italy

DIGITAL SKILLS

Microsoft Office / Wordpress / Digital Marketing

Full Stack Development

HTML / CSS / JavaScript / Bootstrap / TailwindCSS / ReactJs / JSON

Database

MySQL / MongoDB / SQLite / PostgreSQL / DynamoDB

Programming Languages

NodeJs / Python / PHP / C / C++ / VB.NET / Bash

Cloud Computing

Amazon Web Service / Google Cloud Platform / Microsoft Azure / Alibaba Cloud

Tools

Docker / Git / Jira

Operating Systems

Windows / MAC / Linux / Ubuntu / CentOS / Kali Linux

PUBLICATIONS

Design and Implementation of Five Layer Hashing Algorithm

[2022]

Published in New Delhi, London, Oxford, New York, and Sydney in the book titled "Technological, Social and Economic Innovations through Artificial Intelligence, Data Science and Cyber Security"

Link: [https://www.researchgate.net/publication/](https://www.researchgate.net/publication/366138817_Design_and_Implementation_of_Five_Layer_Hashing_Algorithm)

[366138817_Design_and_Implementation_of_Five_Layer_Hashing_Algorithm](https://www.researchgate.net/publication/366138817_Design_and_Implementation_of_Five_Layer_Hashing_Algorithm)

LANGUAGE SKILLS

Mother tongue(s): **Hindi**

Other language(s):

English

LISTENING C1 READING C2 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Italian

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

Best Cloud Use

CROWDHACKS [05/12/2021]

Link: https://twitter.com/crowd_hacks/status/1469213903796142082

First Position in Web Development Hackathon

DUOTHON (Chaitanya Bharathi Institute of Technology) [04/03/2021]

DELHI SCHOOL SPORTS & CULTURAL ACTIVITIES, ZONAL LEVEL CHESS COMPETITION

Directorate of Education, GNCT Delhi [15/01/2016]

STATE LEVEL SCIENCE, MATHEMATICS & ENVIRONMENT EXHIBITION FOR CHILDREN

Directorate of Education, Science & TV Branch, Govt. of NCT of Delhi [15/12/2015]

18th NATIONAL SCIENCE OLYMPIAD

Science Olympiad Foundation [15/11/2015]