



Parth Aggarwal

At Guru Gobind Singh Indraprastha University, I am pursuing my BTech degree in Computer Science, with a keen interest in data science and web development. I have finished multiple courses and certifications in these domains, such as the IBM Data Science Specialization and the 2022 Complete Python Bootcamp.

My passion for learning and applying new technologies guided me to do work as a teaching assistant at Coding Ninjas, where I assisted students master complex concepts in C++ and data structures. I communicated effectively and empathetically, resolving students' doubts and questions in a timely and clear manner. I received positive feedback from the department chair and the students for my quality of explanations and responsiveness.

I also have experience as a web developer and a digital marketer, working for tech startups in the industry. I have launched and surmounted successful online campaigns, using data analysis, strategic planning, and project management skills. I have also built up and deployed web applications using the MERN stack, web scraping, and prompt engineering. I am aimed by the desire to make value for users, solve real-world problems, and give to the society and the environment through my influenced.



Personal Information

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Work Experience

Analyst Deloitte India

- present ● DELHI, INDIA
- Conducted in-depth financial analysis to assess company performance and identify areas for cost reduction, resulting in overall profitability.
- Collaborated with cross-functional teams to develop and implement data-driven strategies for improving operational efficiency and achieving business objectives.
- Utilized advanced statistical models to forecast market trends and provide valuable insights for senior management decision-making.
- Prepared comprehensive reports and presentations on key performance metrics, highlighting opportunities for business growth and risk mitigation.

Teacher Assistant Coding Ninjas

- 06/2022 – 09/2022 ● DELHI, INDIA
- Addressed student doubts and questions as a Teaching Assistant at Coding Ninjas
- Hosted office hours and responded to student emails seeking clarification on course content
- Communicated complex concepts clearly and simply, identifying root causes of misunderstandings
- Commended by department chair for responsiveness and quality of explanations
- Utilized skills and experience to assist students in academic pursuits

Digi-preneur Mindler

- 09/2021 – 11/2021 ● DELHI, INDIA
- Spearheaded digital marketing initiatives for tech industry startups, ensuing in successful launch and scaling of multiple campaigns
- Drastically increased website traffic and lead generation through strategic planning and data analysis
- Demonstrated expertise in project management to drive growth and innovation in companies
- Passionate about utilizing skills and experience to nurture growth and innovation in digital marketing and entrepreneurship industries

Education

Computer Science | Bachelor of Technology - BTech Guru Gobind Singh Indraprastha University

- 01/2020 – 12/2024
- Currently, pursuing Bachelor of Technology in Computer Science at Guru Gobind Singh Indraprastha University (2020-2024)
- Served as Webmaster of IEEE BPIT and Web Development Facilitator at GDSC BPIT
- Developed skills in project management, computer science, and web development
- Proficient in full stack web development, Java, engineering principles, research methodologies, and administrative task

Science | 12th Class PRUDENCE SCHOOL ASHOK VIHAR

- 01/2018 – 12/2020
- Nailed rigorous coursework in advanced placement classes, with overall percentage of 70.2% throughout senior year.
- Actively participated in extracurricular activities such as student government, taking initiatives to improve school culture and foster community engagement.
- Presented strong leadership skills as captain of the varsity basketball team, organizing team practices, and motivating teammates to achieve success.

10th Class Presidium School

- 04/2017 – 03/2018
- Achieved an overall percentage of 83% during high school, showing strong academic performance and dedication to studies
- participated in various extracurricular activities, such as debate club and community service projects, showcasing leadership and teamwork skills
- completed advanced courses in math, science, social science along with third language French expanding knowledge in key subject areas and preparing for college-level coursework

Skills

– LANGUAGES

English
Native

Hindi
Full

French
Elementary

– PROGRAMMING SKILLS

C++
Professional

HTML
Professional

CSS
Professional

JAVASCRIPT
Professional

NODEJS
Professional

REACT JS
Native

MONGODB
Professional

MYSQL
Native

SASS
Limited

PYTHON
Limited

POWER BI
Limited

SAP BTP
Professional

projects

Technotoss : A Blog

- Proficient in utilizing the latest technology trends and tools for front-end development, as showcased in the creation of this blog template
- Demonstrates a deep understanding of front-end development principles
- Skilled in incorporating cutting-edge technology into web design and development processes

MUSIPYI :A Music Player

- Create a personalized music player using HTML, CSS, and JavaScript. Tailor your listening experience with custom features and controls.
- Skills: Cascading Style Sheets (CSS) · HTML · JavaScript · Git · GitHub

projects

CodeCraftHub : A Mini Game player

- Dive into fun, educational front-end projects crafted with HTML, CSS, & JavaScript. Perfect for beginners refining skills or enthusiasts exploring engaging web apps. Your go-to destination for fundamental web tech exploration!
- Skills used are HTML5 · Cascading Style Sheets (CSS) · JavaScript · Git · GitHub

Certificates

BCG Virtual Experience Program (2023) Forage

03/2023

<https://www.theforge.com/badges/oyhhLPBCauXqRmq7X/oyrLkse8EDh7pQdCf/Badge%20of%20completion%20for%20the%20Open-Access%20Data%20Science%20&%20Advanced%20Analytics%20Virtual%20Experience%20Program/Parth>

2022 complete python bootcamp from zero to hero in python Udemy

08/2022

Credential ID UC-8btd?78t-268b-464a-8a97-a073c0737c53

Advance Front-End Web Development with React - Full Stack Coding Ninjas

08/2022

Credential ID 9c0e0f45479055be

Back End | Full Stack Web Development in Node.js Coding Ninjas

04/2022

Credential ID f6bfa8591de68723

front-End web development Coding Ninjas

02/2022

Credential ID f6e0a7ff6c3bf4db

IBM Data Science Specialization Coursera

10/2020

<https://www.coursera.org/account/accomplishments/specialization/certificate/K4XLFEUMWKWY>

Volunteering

Webmaster IEEE BPIT

• 07/2022 – 03/2023

- Developed and maintained website content for a non-profit organization, resulting in increased user engagement and traffic.
- Implemented SEO strategies to improve website visibility and search engine rankings, leading to a 20% increase in organic traffic.
- Collaborated with graphic designers and content creators to create visually appealing and informative web pages that effectively conveyed the organization's mission and goals.

Facilitator GDSC BPIT

• 08/2022 – 03/2023

- Coordinated and managed a team of volunteers to help with event planning and execution, leading to a successful fundraising event.
- Established partnerships with local businesses and community organizations to provide additional resources and support for program participants.



Volunteering

Event Manager National Championship 2022

• 09/2022 – 10/2022 • NOIDA, INDIA

- Coordinated a team of volunteers to set up and tear down event equipment, ensuring a smooth and efficient operation.
- Handled attendee registration and check-in process, providing excellent customer service and resolving any issues promptly.



Publications

Approving Academic Advancement: Crafting Customized Recommendations for Grant Seekers within the Centralized Research Grant Management System

07/2024

<https://ijsrem.com/download/approving-academic-advancement-crafting-customized-recommendations-for-grant-seekers-within-the-centralized-research-grant-management-system/>

Introducing a groundbreaking Centralized Framework for Research Grant Management, poised to revolutionize grant lifecycles. This innovative system offers a unified interface, enhancing efficiency, transparency, and accountability. It includes features like rigorous peer review, real-time tracking, and personalized recommendations using machine learning algorithms. Despite limited existing research papers, this platform significantly aids grant seekers in identifying opportunities aligned with their specific department or research interests, filling a crucial gap in the grant-seeking process. Robust online security ensures data integrity, while adaptability supports diverse funding models and interdisciplinary collaboration.