

Utkarsh Raj Singh

Student, Full Stack Developer

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Academic Qualifications

Institution	Course	Tenure	Result
IIIT Naya Raipur	B.Tech CSE	2017-2021 (Expected)	CGPA - 8.51
BSP Senior Secondary School, Sector - 10	Intermediate (PCM CS)	2015-2017	93.2%
BSP Senior Secondary School, Sector - 10	Matriculation	2013-2015	CGPA - 10

Projects

- **RESTful Blog App -**
 - Built a pluggable Auth Backend in Python (Django)
 - Routing based on REST Architectural Pattern
 - Implements CRUD functionalities
- **Arcade Zone (Games Web App) -**
 - Designed aggregator for video games for different platforms
 - Utilized API by HackerEarth for the game data
 - Implemented scalable features like sorting, searching and autocomplete
- **Football App -**
 - Designed to get live updates of the FIFA World Cup 2018
 - Utilized Open Source API for Data, and Bootstrap 3 for minimalistic styling
 - Features include Live Match Data, Group Standings and upcoming fixtures
- **Chatbot -**
 - Designed a text based, self learning, query response system in pure Python 2, for +2 major project
 - Using a probabilistic learning model, gets finer with every user interaction
 - Deployed as a general response and FAQ system at institution

Languages and Technologies

- JavaScript
- Frontend Dev
 - Bootstrap 3
 - Semantic UI
- Backend Dev
 - NodeJS
 - Django
 - ExpressJS
- MySQL
- MongoDB (NoSQL)
- Python

Achievements

- **Winner, Hackbenchers First Edition**
 - Best Pre Web Developer in the Open Hackathon organized by HackerEarth
 - Selected among 2600+ participants and 100+ successful submissions
- **Ranked 97 out of 3500, ACM ICPC Asia West Competition 2018**
 - Invited for 2 Onsite Regionals (IIT Kharagpur and Amrita University, Amritapuri)
- **Third Position in The Game Of Codes, Technovate 2017**
 - The team secured Third position in the ACM ICPC styled contest
- **Highest Marks in CSE in Board Examinations**
 - Secured 95% score in CSE in AISSCE 2017
 - Received Award for Highest in CSE Department of High School

Certifications

- **Responsive Web Design**
 - FreeCodeCamp
- **JS Algorithms and Data Structures**
 - FreeCodeCamp

Positions of Responsibility

- **Core Member, TSoC**
 - Conceptualized and spearheaded the core Programming Society of IIIT Naya Raipur
 - Head of Software Development Club, TSoC
- **Teaching Assistant, IT Workshop**
 - Assisted the teaching faculty for IT Workshop course for the First Year Students
 - Taught basics of Front End Development (HTML, CSS)
- **Sponsorship Team, TechNovate XIX**
 - Pivotal role in negotiations with the Sponsors
- **Part Time Lecturer, ScintFic 2018**
 - Delivered lecture on the Applications of Artificial Intelligence to High School Students
 - Organized Post Lecture quizzes and activities for the students