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 -**
  - Routing based on REST Architectural Pattern
  - Implements CRUD functionalities
- **Arcade Zone -**
  - 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
  - ExpressJS
- MongoDB (NoSQL)
- Python

Achievements

- **Winner, Hackbenchers First Edition**
  - Best Pre Web Developer in the Hackathon organized by HackerEarth
  - Developed Web App according to question specifications and wireframe
  - Selected among 2600+ participants and 100+ successful submissions
- **Winner, Intra College Coding Competition**
  - Secured First Position among the First Year Students
- **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

Voluntary Experiences and Social Causes

- **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)
- **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
- **Voluntary Blood Donation**
  - Taken part in Blood Donation Camp by AIIMS Raipur