

JAI KUMAR DEWANI

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EDUCATION

International Institute of Information Technology, Naya Raipur

Bachelor of Technology

Computer Science and Engineering

Holy Cross Byron Bazar, Raipur

Class XII, AISSCE, CBSE(Science)

August 2017 - Present

CGPA: 7.65 (till 7th Semester)

July 2015 - May 2017

Percentage: 85.0

WORK EXPERIENCE

FullStack Intern, Carl Zeiss

Bangalore (Jan '21-Present)

Wrote unit test cases to improve the development cycle. Implemented IPC Servers for reducing the coupling between different processes.

Workshop Trainer Intern, Directi

Naya Raipur (May '19-June '19)

Trained 18 school students about Python programming using code visualization techniques in the Codechef sponsored summer camp of 2 weeks, learned and improved upon various pedagogy techniques.

PROJECTS

DeepNeural Net Visualiser — [WebApp](#)

June 2020

Created a Neural Net Visualiser and trained it on the MNIST database which helps in visualizing the hidden layers(three). Used Streamlit to create a clean frontend to update the model layer by layer post result generation and hosted the project on Heroku. [Tech Stack: *Tensorflow, Flask, Streamlit*]

FunMark — [GitHub](#)

May 2020

Created an easy to use python package for benchmarking functions. It allows for graphical comparisons. Released it on PyPi package manager for smooth installation with around 1K downloads. More about FunMark on my [blog](#).

Lab Works — [GitHub](#)

April 2019

An application made to ease the lab assessments for technical institutes. Enabled users to create coding questions and add test cases. Used JDoodle's API to compile student's programs and check them against predefined input. [Tech Stack: *HTML, CSS, Js, Bootstrap, Django, SQLite*]

YelpCamp — [GitHub](#)

August 2018

Created a social website where for hikers to view different camps. Enabled CRUD functionalities to create, edit & delete posts. Used MongoDB for the backend. Used Passport for authenticated logins and sign-ups to the platform. [Tech Stack: *HTML, CSS, Js, Node.js, Express, Passport, MongoDB*]

TECHNICAL SKILLS

Programming Languages	Python(<i>for programming & development</i>), JavaScript, C
Framework & Libraries	Django, Bootstrap, Node.js, React, Express, Passport
Software, Platform & Tools	Heroku, PowerPoint, Excel, Latex, Git, GitHub

ACADEMIC ACHIEVEMENTS & EXTRA-CURRICULAR

- Co-founded the first coder's club at IIIT-NR, organized various hackathons and events to promote competitive programming and development and improve the coding environment of the Institute.
- Ranked **1127th** globally and **115th** in India in Google HashCode, out of 10724 teams.
- Qualified ACM-ICPC 2020 in Kanpur(**rank 63**) and Gwalior regions.
- Qualified ACM-ICPC 2019 in Kharagpur(**rank 81**) and Amritapuri(**rank 37**) regions.
- Successfully cleared the Foundation level in **CCDSAP Certificaton** by CodeChef.
- Recipient of **Google India Challenge Scholarship '17 Phase-1** under Udacity Nanodegree program
- Qualified CodeChef's Snackdown with a rank of **2587** out of 27875 teams
- Ranked **3rd** in **Codeutsava 2020**, NIT Raipur's Annual Hackathon out of 30 participating teams