SWAPNIL NARAYAN

YouTuber | HackFest'19 | Sports Programmer | Open Source Contributor

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EXPERIENCE

Software Development Intern
Sam Media

📅 Dec 2019 – Mar 2020   📍 Kuala Lumpur, Malaysia

- Responsible for the design and development of products including online gaming portals, video streaming platforms, VR gaming services using NodeJS and ReactJS.
- Incorporating error logging and visualization in all portals using Sentry and, maintaining the Drupal Products.

Product Development Intern
Coal India Limited

📅 Sept 2019 – Dec 2019   📍 Dhanbad, India

- Developed an executive manpower planning software having details about the production scales in different units of CIL.
- Integrated Algorithms in database matrix for different levels of production using PHP, SQL, and CodeIgnitor framework.

Software Development Intern
Inversion LLP

📅 May 2019 – July 2019   📍 Bengaluru, India

- Developed large scale Web Applications, providing required technical solutions to maximize client satisfaction.
- Worked with the tech team on UI/UX design, development and integration of the assigned projects.

EDUCATION

B.Tech in Computer Science and Engineering
Indian Institute of Technology (ISM), Dhanbad

📅 July 2017 – April 2021   **8.85 GPA**

All India Senior School Certificate Examination
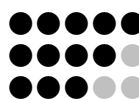**Hem Sheela Model School, Durgapur**

📅 April 2015 – March 2017   **95%**

SKILLS

C, C++, JavaScript, HTML5/CSS3, Bootstrap ●●●●●
Sass, jQuery, PHP, MySQL, Sentry, Git ●●●●○
Drupal, ReactJS, NodeJS , Shell Scripting ●●●○○

ACHIEVEMENTS

- **YouTuber** with **3k+ Subscribers** on DS and Algo Tutorials.
- Certified for **Virtual SWE experience at JP Morgan Chase Co.**
- Certified as **Microsoft Technology Associate** in JavaScript.
- Winner of **Open Source at Hacktoberfest 2018 and 2019**.
- **Regional Mathematics Olympiad and MTRP Winter Camp** awardee(Gold), conducted by **ISI, Kolkata**.
- **99.5** Percentile in **JEE Advance-2017**, **WBJEE Rank 75**, **AIR 15 in NEST** and, a **KVPY, NSEP, NSEC and NSEA Scholar**.

CODING AWARDS

- **Winner of HackFest 2019**, the National Level Hackathon with over 5000+ participation.
- Completed all the levels of **Google FooBar Challenge 2019** (Level 1 to 5).
- Winner of **Zulip Best Bot Challenge 2019**.
- **Expert** in Codeforces (**Max rating 1700+)** and, **4 star (1900+)** in **CodeChef**.
- **2 Gold Medals**,**1 Silver Medal**, **3 Gold Badges** and **6 star** in **HackerRank**.
- Solved 600+ Coding Problems in **Spoj, CodeChef, Codeforces and Hackerearth**.

PROJECTS

Executive Manpower Planning Software
- Developed an executive manpower planning website containing details of miners and the production scales in different units of CIL.
- Integrated algorithms in the database matrix for Partial Outsource and Fully Outsource Production using **PHP, SQL, and Code Ignitor framework**.
- Project Funded by the Government of India
- **Mentor:** Dr. D.C Pannigrahi, **Ex-director of IIT Dhanbad** and Dr. Chiranjeev Kumar (Dean).

IIT(ISM) Dhanbad Official Website
- Worked with IRAA IIT(ISM) Dhanbad under the supervision of Director IIT(ISM) Dhanbad.
- **Technologies used:** HTML5/CSS3, Sass, Bootstrap, JavaScript, PHP, MySQL.
- **Mentor:** Dr. Rajeev Shekhar, **Director of IIT Dhanbad** and Dr. Dheeraj Kumar (Dean).

College Plus+
- College Plus+ aka OLX of IIT(ISM), lets you buy, sell and post advertisements of used items.
- It also involves the sale of ISM merchandise and almost every stuff that is required at IIT(ISM).
- **Technologies Used:** HTML5/CSS3, Sass, Bootstrap, JavaScript, PHP, MySQL.

B-Cane - Smart Blind Man Stick
- Developed a Smart Blind Man Stick, that converts visual data into an alternate auditory modality to provide Blind user with a robotic vision through speech.
- Achieved 92% accuracy on required modality conversion using **Raspberry Pi 3**.
- Credited as the **Winners of HackFest 2019**.

Enigma Bot - Programmer's Kit
- Enigma Bot is the most feature-rich chatbot solving various programming and mind game queries, built using Zulip API in HackFest 2019.
- Credited as the Winners of Zulip Problem Statement as the "**Best Bot of the Hackathon**".