



AYUSH PATRA

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Work Experience

CERN (Conseil Européen pour la Recherche Nucléaire) - Trainee
Geneva, Switzerland

November 2016

Learnt about the Large Hadron Collider (LHC), the Compact Muon Solenoid (CMS) and attended lectures on other topics related to Nuclear Physics and Data Analytics.

IntelliSwift Software Inc. - Intern

Pune, Maharashtra

December 2019

Learnt Spring Boot and expanded my existing knowledge of Java and Web-Development.

Netfotech Solutions - Intern

Pune, Maharashtra (WFH)

April 2021 - Present

Working on a full-stack website on healthcare, using ReactJs and Django REST Framework.

Skills

- Front-end web development using HTML5, CSS, JS, React and back-end using Express.js, Node.js and MongoDB.
- Designing interactive and visually attractive websites using libraries such as Framer Motion and Three.js.
- Expertise in C++.
- Adequate in Python 3.0
- Proficient in Data Structures and OOP.
- Git and GitHub
- Front-end app development using Flutter.
- Authentication using Firebase.

Education

Senior Secondary Certificate –

Completed during March 2018

School Name - **Heritage Xperiential**

Learning School

Subjects- English, Physics, Chemistry, Mathematics, Computer Science.

Grade: 96.2%

Undergraduate-

Expected to complete during May 2022.

University Name - **Manipal University**

Jaipur

Course Name - **Bachelor of Technology (Computer Science)**

Grade (CGPA): 8.6

Scholarships

- Received the TMA Pai Merit Scholarship at Manipal University, Jaipur for academic excellence, with 50% waiver on annual tuition fee for three consecutive academic sessions 2018-2019, 2019-2020 and 2020-2021.

Accomplishments

- Secured an average percentage of 96.2 in the All-India Senior Secondary Certificate Examination (Class 12th) held by the Central Board of Secondary Education in India.
 - Scored highest in 2 subjects (Mathematics-99/100, Computer Science-98/100) among all the students in my school in the All-India Senior Secondary Certificate Examination held by the Central Board of Secondary Education (Class 12th).
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Projects

- **Amazon-Clone:** A front end clone of Amazon India's website, which uses a custom API for product information and fetches the information from a node.js server. Uses React Redux for creating a store to track what the user wants to add to the cart and allows user to remove products later from the cart if he/she wishes to. Also uses firebase authentication to allow user to sign in on the website and register if he/she does not already have an account. **GitHub Repository:** <https://github.com/ayushpatra11/amazon-clone>
 - **Apple Store 3D:** A front end website made using React and Three to render 3D models of Apple products and showcase them to give a 360-degree view to the buyer. The website is published using Heroku and can be found at : <http://applestore3d.herokuapp.com/> . **GitHub Repository:** <https://github.com/ayushpatra11/apple-store-3d>
 - **ShoeStore 3D:** A mock E-commerce website for shoes where each product is displayed on a card, which can be moved for a 3-D and parallax effect. The data for each shoe is fetched from a node.js server and a custom API. **GitHub Repository:** <https://github.com/ayushpatra11/shoe-store-updated>
 - **HeartCare:** An Info-Site for information on Heart Failure, it's causes, symptoms and treatments. Made using React and Framer Motion. **GitHub Repository:** <https://github.com/ayushpatra11/heart-care>
 - **Space (Ongoing):** A website made using Three and React, which allows a young user to explore space in a very interactive way. **GitHub Repository:** <https://github.com/ayushpatra11/spaceweb>
 - **Football League Tracker:** A flutter app which uses an API to fetch leagues, teams and their squads. This allows the user to be up to date with the squad and recent transfers in the Football world. **GitHub Repository:** https://github.com/ayushpatra11/Football_newsandleagues_app
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Certifications

Machine Learning with Python- Henry Harvin, Machine Learning – Stanford Online via Coursera, Python for Everybody – UoM via Coursera, The Complete Web Development Bootcamp by Angela Yu, and The Complete 2021 Flutter Development Bootcamp by Angela Yu.