

SUBHASHIS SUARA

School of Computer Science & Engineering, XIM University
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EDUCATION

XIM University

Bachelor of Technology
Computer Science & Engineering

June 2019 - Present
Semester 7 - 9.57 CGPA

Sai International School, Class XII

Higher Secondary School

April 2019

91.6 %

Sai International School, Class X

High School

March 2017

CGPA 10

EXPERIENCE

CERN | Openlab Summer Student

ReactJS, PHP, Openshift, Kibana, Docker, GitLab CI, VS Code Server (code-server), Drupal

Geneva, Switzerland

June 2022 - August 2022

- Developed a web platform for users to view various types of logs and metrics of their drupal sites. The platform greatly impacts the CERN community by facilitating easy user access to the logs and metrics of more than 1000 Drupal sites via the CERN Web Services Portal.
- Created GitLab CI configurations and bash script to provide full-fledged remote development environment (using code-server) for openshift deployments to users on-demand.
- Participated in various openlab summer student lectures, activities and workshops conducted by CERN.

Intrinsic Science Labs | Full Stack Developer Intern

ReactJS, NodeJS, ExpressJS, MySQL, Docker

Hyderabad, India - Remote

Oct 2021 - Feb 2022

- Designed & developed online examination module.
- Integrated BigBlueButton (Open Source Web Conferencing Software) with assigned project.
- Built exam creation tool with support for insertion & previewing of LaTeX equations.

Knowledge Lens | Backend Developer Intern

Flask, ArangoDB, Minio

Bengaluru, India - Remote

May 2021 - July 2021

- Built services & handlers for intranet portal and dashboard graph report.
- Developed a program to periodically backup data from server & notify the admin via email.
- Created automation scripts for database manipulation & extracting data from files into JSON format.

ACHIEVEMENTS & POSITIONS OF RESPONSIBILITY

- Coordinator** of Xplore, The Computing Society at University
- Contributed** to Open Source Projects in Hacktoberfest 2020, 2021
- Digital & Technology **Advisor** at Yuva Utkal Foundation
- Winner** of Trithon Hackathon 2020 among 160 teams.
- Worked as Joint IT **Director** of Technology for organizing Xuphoria 2020.
- President** of Xplore Coding & Circuit Club at University
- Honorable Mention** in 2019 ICPC Asia Kharagpur Online Programming Contest

June 2021 - June 2022

May 2020 - Feb 2021

Dec 2019 - Nov 2020

SKILLS

Programming Languages

Web Technologies

Mobile Technologies

DBMS

Others

- Python • JavaScript • C/C++ • Java
- HTML5 • CSS3 • ReactJS • ExpressJS • NodeJS • PHP
- Flutter • Android
- MySQL • MongoDB
- Git • Bash • Docker • Openshift • GitLab CI • \LaTeX

PROJECTS

- **Smart Health Monitoring System:** Smart Health Monitoring System is a real-time web application made using ReactJS, NodeJS, ExpressJS & MongoDB. An IoT device (Raspberry Pi) collects vital data such as heart rate, oxygen saturation, body temperature from the patient and transmits the data to the Node server via WebSockets which is then displayed on the monitoring dashboard available to doctors and health professionals. This project seeks to make patient monitoring easier and more efficient, allowing for more accurate and timely diagnoses.
- **MyCampus:** MyCampus is a revolutionary social networking app developed with Flutter, Flask, and Firebase. It connects users based on their personality, interests, and lifestyle. It features a user-friendly login and sign-up process, a comprehensive questionnaire to build profiles, a powerful search engine to find compatible partners, and a secure chat system with text and image support, as well as consent-based identity reveal. With MyCampus, you can easily find the perfect match and start building meaningful relationships.
- **Memeistic:** Memeistic is an Android app designed to make creating memes easy and fun. It features a gallery of meme templates, the ability to capture photos with the camera, the ability to add and customize top and bottom meme text, the ability to move the text around by dragging, the ability to change the text color and font size, the ability to add color filters, and the ability to save and share the meme. With Memeistic, you can create the perfect meme in no time!
- **Anime Heaven:** An anime video streaming website created with HTML, CSS, JavaScript, PHP, and MySQL offers a variety of features, including a searchable database, registration and login page, account page, admin page, and dynamic data fetching and display on the homepage. With these features, users can easily find their favorite anime movies and access their accounts with ease. The website also provides an intuitive admin page, allowing administrators to manage the website's content and data with ease.
- **CertBot:** CertBot is an automated certificate generator that streamlines the process of creating bulk certificates. It requires a master certificate in .pptx format with placeholders for name and date, as well as an Excel file containing the relevant data. Once the necessary information is provided, CertBot will generate the certificates in .pptx format and convert them to .pdf format, which are then stored in an output folder. This bot eliminates the need for manual labor, saving time and effort while producing high-quality certificates.
- **Cube Showdown:** An enthralling arcade game that challenges players to dodge obstacles and progress through increasingly difficult levels. It is developed using Unity Game Engine and C in Visual Studio.
- Above projects and more at: subhashissuara.com/#projects or github.com/subhashissuara

CERTIFICATION

- **Full-Stack Web Development with React Specialization** by The Hong Kong University of Science and Technology at Coursera
- **Getting Started with Google Kubernetes Engine** by Google Cloud at Coursera
- **Open Source Software Development, Linux and Git Specialization** by The Linux Foundation at Coursera
- **An Introduction to Programming the Internet of Things (IOT) Specialization** by University of California, Irvine at Coursera
- **Full Stack Web and Multiplatform Mobile App Development Specialization** by The Hong Kong University of Science and Technology at Coursera
- **Python 3 Programming Specialization** by University of Michigan at Coursera
- **Data Science with Python** course at DataCamp
- **Deep Learning Specialization** by deeplearning.ai at Coursera
- **AWS Fundamentals Specialisation** at Coursera
- **Getting Started with Go** by University of California, Irvine at Coursera
- **Automate the Boring Stuff with Python Programming** course at Udemy