SUBHASHIS SUARA

School of Computer Science & Engineering, XIM University

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EDUCATION

XIM University *June 2019 - Present*
Bachelor of Technology **Semester 6 - 9.67 CGPA**
Computer Science & Engineering

Sai International School, Class XII *April 2019*
Higher Secondary School **91.6 %**

Sai International School, Class X *March 2017*
High School **CGPA 10**

EXPERIENCE

CERN | Openlab Summer Student *Geneva, Switzerland*
ReactJS, PHP, Openshift, Kibana, Docker, GitLab CI, VS Code Server (code-server), Drupal *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 *Hyderabad, India - Remote*
ReactJS, NodeJS, ExpressJS, MySQL, Docker *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 *Bengaluru, India - Remote*
Flask, ArangoDB, Minio *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 *June 2021 - June 2022*
- **Contributed** to Open Source Projects in Hacktoberfest 2020, 2021
- Digital & Technology **Advisor** at Yuva Utkal Foundation *May 2020 - Feb 2021*
- **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 *Dec 2019 - Nov 2020*
- **Honorable Mention** in 2019 ICPC Asia Kharagpur Online Programming Contest

SKILLS

Programming Languages	• Python • JavaScript • C/C++ • Java
Web Technologies	• HTML5 • CSS3 • ReactJS • ExpressJS • NodeJS • PHP
Mobile Technologies	• Flutter • Android
DBMS	• MySQL • MongoDB
Others	• 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 various vital data such as heart rate, oxygen saturation, body temperature from the patient and transmits the data to the Node server via WebSockets which then gets displayed on the monitoring dashboard available to doctors and health staff. This project aims to make patient monitoring easy and efficient.
- **Memeistic:** Memeistic is a meme maker app made for android. The app consists of features such as opening meme template from gallery or capturing photo using the camera, adding top and bottom meme text, moving top and bottom meme text position by dragging, changing top and bottom meme text color & text font size, adding color filters, saving & sharing the meme.
- **ChatQube:** ChatQube is a chatting web application made using ReactJS, NodeJS, ExpressJS & MongoDB. All registered users show up in the search list and users can create groups with other members. There is a caching system in place to optimize the number of requests to the server and to decrease loading times of the clients.
- **Anime Heaven:** An anime video streaming website made using HTML, CSS, JavaScript, PHP & MySQL. Some of the included features are searching for movies in database, registration & login page, account page, admin page, dynamic data fetching & displaying on the home page.
- **CertBot:** CertBot is a certificate maker bot. It requires a master certificate in .pptx format with placeholders for name and date and an excel file containing the data. It then generates the certificates in .pptx format, converts them to .pdf format into an output folder. This bot eliminates the unnecessary human effort required to create bulk certificates.
- **Cube Showdown:** An arcade game where the player has to avoid obstacles to progress through the levels in the game. It was 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