

SUBHASHIS SUARA

School of Computer Science & Engineering, Xavier University, Bhubaneswar
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EDUCATION

Xavier University, Bhubaneswar
Bachelor of Technology
Computer Science & Engineering
Sai International School, Class XII
Higher Secondary School
Sai International School, Class X
High School

June 2019 - Present
Semester 2 - 9.83 CQPI
April 2019
91.6 %
March 2017
CGPA 10

ACHIEVEMENTS AND EXPERIENCE

- **Digital & Technology Advisor** at Yuva Utkal Foundation
- **President** of Xplore Coding & Circuit Club at University
- **Contributed** to Open Source Projects in Hacktoberfest 2020
- **Winner** of Trithon Hackathon 2020 among 160 teams.
- Worked as Joint IT Director of Technology for organizing Xuphoria 2020.
- Worked as Assistant Director of Technology for organizing SAI TED 2018.
- Selected for **district level** in Children's Science Congress – 2015.
- **All India topper** in Grade 2 Band Based Keys conducted by Rockscool in 2015.
- Champion in Sai Olympics Football from 2015-2016, 2018-2019.
- Awarded in Science Quiz, Science Exhibition and Music Instrumental Competition conducted by school.
- **Zonal Excellence** in IMO conducted by SOF in 2018.
- Member of Chairman's Club in school from 2012 to 2019.

May 2020 - Present
Dec 2019 - Nov 2020

SKILLS

Programming Languages	• Python • JavaScript • C/C++ • Dart • Java
Web Languages	• HTML5 • CSS3 • Sass • PHP
Web Frameworks & Technologies	• React • Flutter • Bootstrap • NodeJS
App Development Technologies	• Flutter • React Native
DBMS	• MySQL • MongoDB • SQLite
Tools	• Git • Bash • Visual Studio Code • Postman • \LaTeX

PROJECTS

- **ChatQube:** ChatQube is a chatting web application made using ReactJS, NodeJS, Express & 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.
- **QubeBot:** A WhatsApp bot made using selenium webdriver and python. It has various features and delivers information (via messages) like weather, top stories/news of the day, instant search results for terms, lyrics. It can be used as a chatbot to serve users with FAQs and queries.
- **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 is represented by a blue block and has to avoid obstacles to progress through the levels in the game. It was developed using Unity Game Engine and C# in Visual Studio.
- **Motion Detection:** Using python, opencv and numpy I developed a script for detecting motion using webcam. It uses backgroundsubtractor and masks continuous frames to detect motion on the basis of pixel (changed) count.
- **NominateBot:** Posts in a subreddit can be nominated by users with a command: !nominate. The bot then rewards coins to the nominee according to the number of nominations. The number of coins are reflected on a flair next to the nominee's username on that subreddit. The username of the nominee and amount of coins are kept track of using a database.
- Above projects and more at: github.com/subhashissuara

CERTIFICATION

- **Full-Stack Web Development with React Specialization** by The Hong Kong University of Science and Technology at Coursera
- **Open Source Software Development, Linux and Git Specialization** by The Linux Foundation at Coursera
- **Deep Learning Specialization** by deeplearning.ai 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
- **Data Science with Python** course at DataCamp
- **Getting Started with Go** by University of California, Irvine at Coursera
- **The Unix Workbench** by Johns Hopkins University at Coursera
- **AWS Fundamentals Specialisation** at Coursera
- **Getting Started with Google Kubernetes Engine** by Google Cloud at Coursera
- **Python 3 Programming Specialization** by University of Michigan at Coursera
- **Version Control with Git** course by Atlassian at Coursera
- **Automate the Boring Stuff with Python Programming** course at Udemy

PARTICIPATION

- **Honorable Mention** in 2019 ICPC Asia Kharagpur First Round Online Programming Contest
- **Pre-Qualifiers** in International Space Apps Challenge 2019

VOLUNTEERING

- Participated as a volunteer for Code Camp in Xavier University Bhubaneswar in Department of Computer Science and Engineering which aimed at giving high school students a glimpse of technical curriculum and hands on experience.