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Pre-Final Year Information Technology Undergraduate student with sound understanding in data structures and algorithms aspiring to be a backend developer with interest in the field of blockchain, data science and automation.

EDUCATION

St. Joseph's College of Engineering

B. Tech Information Technology CGPA 9.09 2022

The Hindu Senior Secondary School

CBSE board Class 12 93.6 % 2018

The Hindu Senior Secondary School

CBSE board Class 10 CGPA 10 2016



WORK EXPERIENCE

Blockchain and Data Science Research Intern at digiBlitz Technologies 6 Months July 2020 -Dec 2020

- Implemented smart contracts using **Solidity** for supply chain management and RPC interface in Python.
- Collaborated with team and past employees to troubleshoot and debug **J2EE** web applications
- Deployed more than 6 **Enterprise Java** full stack applications to **Google Cloud** as WAR files in JBoss.
- Delivered a proof of concept using **Flask-Python** and **Ethereum Blockchain** with a team of 8 interns.

Full Stack Developer – Freelance at BAEON 5 Months <https://baeon.co/> July 2020 -November20

- Developed flagship website and REST API using **Node.js, React.js** and launched to **Amazon Web Service**
- Liaised a 3-member team with client to develop an online coupon service with continuous integration.
- Implemented Json Web Token (JWT) Authentication layer and performed API testing (Chai and Mocha)

Backend Developer- Freelance at Elite Doctors Consultancy <elitedoctorsconsultancy.in/> April 2020-May 2020

- Designed student application portal for aspirants of higher studies in medicine with **Node.js, Firebase**
- Executed product development lifecycle plan up to deployment in serverless cloud functions

TECHNICAL SKILLS

Programming Tools : C, C++, Java, Python, Git, Docker, Golang, Electron.js
Web Technologies : HTML5, CSS3, JavaScript, Node.js, React.js, Redux, Flask, Servlets, JSP
Blockchain Tools : Ethereum, Solidity, Quorum, Truffle, Web3.js
Data Science & Automation : NumPy, Pandas, PyTorch, Selenium, Blue prism RPA
App Development : Android Studio(Java + XML), React Native, Adobe XD(Prototyping)

PROJECTS

[HTTPS://GITHUB.COM/ANTOPRINCE001/](https://github.com/antoprince001/)

PatRec: Electronic Health Record Manager (Smart India Hackathon 2020) <https://patrec.azurewebsites.net/>

Azure hosted website built in **Flask** and **MongoDB** cloud to implement patient-centric health record system

KraftoGram (AICTE Vishwakarma 2021) MERN based rural craftwork authenticity verification system using Ethereum blockchain with provision to view art using **Augmented reality** in **AR.js**.

Restaurant Explorer -Local restaurant review aggregator built using Node.js, React.js and PostgreSQL

Seed Chain: Seed Certification and Validation System (GovTechThon 2020)

Node.js and React.js based Ethereum blockchain application that adds traceability to seed lifecycle

Aquaponics IOT Solution (Google Build for Digital India 2020) Flask based Web portal to monitor an Aquaponics farm with weather insights and Bolt IOT kit to monitor light and temperature of the system

TravelLoggedIn (Infosys Hackathon 2020) Women Safety Android App built in Java using firebase and SQLite

MINI JAVA PROJECTS

-**Air Ticket Reservation** Swing based Java GUI application to book flight tickets using MYSQL and JDBC.

-**Encrypton** Website built in servlet, JSP and Glassfish to implement symmetric and asymmetric cryptography

-**Android Apps:** CovidCommunity (Covid Hackathon), MusicPlayer, CitizenForum(Appfrenzy'19), CodeConverter

TRAININGS & CERTIFICATIONS

• Cloud Computing and Distributed Systems	NPTEL	January 2021 – March 2021
• Google Python Automation Professional Certificate	Coursera	July 2020 - November 2020
• Blockchain development with Ethereum	UpGrad	April 2020-June 2020
• Business English Certification Vantage A	Cambridge English	August 2019
• Data Science with Python	Internshala	June 2019 – July 2019
• Advanced Diploma in Java Programming	CSC	June 2018-February 2019

WORKSHOPS AND INPLANT TRAINING

- **JP Morgan Chase & Co** Virtual Experience Program Feb'21 – Interfaced Stock data to visualise in React.js
- React.JS 10 Day Bootcamp - Codegnan IT Solutions OPC PVT. LTD June 2020
- Augmented Reality Bootcamp - Codegnan IT Solutions OPC PVT. LTD June 2020
- 5 Day Blockchain Bootcamp - UnTurtle Tech April 2020
- 1 Week **In Plant Training – Internet of Things**, Bharath Sanchar Nigam Limited, January 2020
- 2 Day **Techno-Entrepreneurship Summit 2020** on Blockchain at IIT Madras, January 2020
- IOT with Arduino Workshop, TOP Engineers September 2019

AWARDS AND ACCOMPLISHMENTS

- **Microsoft Learn Student Ambassador** Alpha Member, Joined in Jan'21
- Won in **Paper Presentation** "Cryptography and Number Theory" **MATHOPHILIA'20**, Sairam College
- Runner Up, Seed Certification, **GovTechThon'20**, 36 hours Virtual Hackathon Organized by IEEE, Oracle
- **Finalist**, Blockchain Campus Currency, **Project Future 2020 Ideathon**, Rajalakshmi Engineering College
- Reached Top 7 in internal hackathon conducted for **Smart India Hackathon 2020** among 40 teams
- Third Place, 404 Error Found Debugging Event, IEEE – Computer Society Student Branch Chapter
- **Finalist, Covid-19 Hackathon** by National Bio Informatics (Android App Development)
- Organized and Won twice in school level **Model UNITED NATIONS** conference
- College Club Events – First Place (Maths Quiz), First Place (Public Speaking), Third Place (General Quiz)
- Event Organizer for First Year Orientation and Addressed a crowd of 1600 in attendance
- Qualified for Google's FooBar Challenge and contributor to GitHub Arctic Code Vault