

# SOHAM SHINDE

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## EDUCATION

**Indian Institute of Information Technology Kottayam,**

Expected 2023

B.Tech, Computer Science and Engineering

Relevant Coursework: **Data structures, Design and Analysis of Algorithm, Computer Networks, Database Management System(DBMS), Operating Systems, Discrete mathematics.**

## SKILLS

<b>Languages</b>	C++, Java, JavaScript, Python, R
<b>Databases</b>	MySQL, MongoDB
<b>DevOps</b>	AWS, Heroku, Git, GitHub, Pm2, NPM, CI/CD (GitHub Actions)
<b>Web development</b>	ReactJS, ExpressJS, NodeJS, HTML, CSS EJS, REST API, JWT, PassportJS, Nodemailer, Mongoose, Google Authentication, Google Drive API, Socket.IO

## EXPERIENCE

**Backend Developer Intern**

Sep 2022 - Nov 2022

InfoCentroid Software Solutions Pvt. Ltd

📍Online

Developed the Backend of a EdTech platform and a astrology platform from scratch. Implemented RESTful API for the same. Also developed the admin panel with various features to control and have a overview of the platform. Helped and Guided fellow developers in their tasks by resolving errors and bugs in the existing systems.

## PROJECTS

**Online Video Conferencing Application** [\[LINK\]](#)

Created a P2P video calling web application based on the open source **WebRTC** platform along with text chat, whiteboard, room link sharing, **Google OAuth2.0**(Authentication), room history, and screen sharing features with the help of Socket programming. Designed the entire backend from Scratch and implemented the **WebRTC** architecture for P2P video stream sharing with authentication.

**NodeJS, Express, PassportJS, MongoDB, Socket.io and WebRTC**

**Registration form** [\[LINK\]](#)

Created a registration form for Placement drives. Candidates have to fill form and upload a resume file which would be the uploaded to the form makers already selected **Google drive** folder and in the **MongoDB** cluster connected and also **Emails** the person the copy of their response.

**NodeJS, ExpressJS, Google Drive API, Nodemailer, MongoDB, Mongoose, PassportJS, EJS and Formidable**

**Library Management System (GUI)** [\[LINK\]](#)

Library management system for managing the library books and their distribution among the university students. The project features 2 components of Admin Panel and the Student Panel. **MySQL** database is used for data storing purposes. The GUI is made using **Python Tkinter** framework. Functionalities covered: book search, borrow history, books stock lookup, book request, book overview for student. Both the admin and student panel are protected by login credentials.

**Python(Tkinter), MySQL**

## CERTIFICATES

- Complete NodeJS Developer in 2023 - Udemy Dec 2022
- [The Complete 2022 Web Development Bootcamp - Udemy](#) Jun 2022
- [Data Structures in C++ - Coding Ninjas](#) May 2020
- [Problem Solving \(Intermediate\) Certificate - HackerRank](#) Expected 2023
- [Discrete Mathematics - NPTEL, IIT Madras](#) Dec 2020

## VOLUNTEER EXPERIENCE

- Placement cell coordinator Jan 2020 - Present