Akash **Shukla**

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Work Experience

TATA CONSULTANCY SERVICES   *Gurugram, India*

SOFTWARE ENGINEER   *Sep 2020 - Present*

- **Lloyds Banking Group:** I create Micro-services and Enhance existing ones for the Banking and Finance unit
- Contributing as a Back-end developer on a transformation project working on the migration of client from one Identity and access management provider to another provider by handling change requests.
- Developed servlets in MVC model using java, building ReST APIs for communication and writing services to process business logic.

Hashedin by Deloitte   *Bangalore, India*

SOFTWARE ENGINEERING INTERN   *Feb 2020 - Sep 2020*

- **HungerBot** Formulated and Developed a Food Ordering chat-bot in a team to order food from the canteen of an organization with post-paid billing features using Restful services.
- Contributed and Supported software engineering project as part of front-end team in Agile work environment.

Skills

Languages	C++, Python, Java, JavaScript, HTML, CSS, SQL
Database	MySQL, PostgreSQL
Frameworks	SpringBoot, Flask, React
Tools	Git, Postman, vscode
others	OOPs, MVC, REST, Agile, Problem Solving, Critical Thinking, Goal Oriented

Projects

- **SkyDrive - Online Storage Service (2021)** Created an online file storage service inspired by Google drive.The front-end of the said web app designed using react-js and Google firebase is employed as a Database and Authentication provider. Primary Functionalities include file upload and delete, folder creation and removal.
Tech used: JavaScript, React, Firebase, React-bootstrap.

- **Face Recognition Based Attendance Management System (2020)** Designed and Developed an Attendance management system with console UI made using Tkinter having a primary focus on UX. Implemented attendance monitoring website in React. Storage and back-end services completed using Flask. Incorporated Active learning into the system so it can improve model accuracy and overall performance of the product over time.
Tech used: Python, Java Script, Flask, React, SVM, Machine Learning.

- **Sorting and Rat in a Maze Visualizer (2019)** Created a fun project on web-based sorting visualizer to gain better insight into the different sorting algorithms. The Visualiser can help visualize Insertion sort, Bubble sort, and Selection sort. In addition, to that Sorting Visualiser, **Rat in a maze** problem implemented to attain visualization of Graph traversal Algorithms such as DFS and BFS.
Tech used: Algorithms, JavaScript, HTML5 and CSS.

Education

Uttaranchal Institute of Technology, Uttaranchal Univeristy   *Dehradun, India*

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE   *Aug. 2016 - May 2020*

- **CGPA:** 9.0/10
- **Courses:** Data Structures and Algorithms, DBMS, Software Engineering, Object oriented programming, OS, Computer Networks.

Anil Saraswati Vidya Mandir Faizabad Ayodhya   *Ayodhya, India*

HIGH SCHOOL AND SENIOR SECONDARY EDUCATION - CBSE

- **High School (2013) CGPA :** 9.2/10
- **Senior Secondary percentage (2015) :** 80%

Achievements and Extracurricular Activity

2019	**1st Prize** Cash prize winner hackathon Organised by BITS PILANI Goa campus	*Goa, India*
2019	**Presented and published Research paper** ICAESMT-19, "Tamper Proof Evidence with Blockchain"	*Dehradun, India*
2017	**1st Prize** Coding contest organized by UU-CSS Uttaranchal University	
2018-20	**Organiser** Coding Club Uttaranchal University	