

# Suryansh Bachchan Verma

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## EDUCATION

### CHRIST (Deemed to be University)

Master of Computer Applications, 76.1%

Bangalore, Karnataka

July 2023 – Present

### Cotton University

Bachelor of Computer Applications (BCA), 80.1%

Guwahati, Assam

May 2023

### SBOA Public School (Affiliated to CBSE)

AISSE (Class 10), 89.7% and AISSCE (Class 12), 87.9%

Guwahati, Assam

July 2020

## PROJECTS

### DISCUSSIT | React, Node.js, Express.js, Redux, MongoDB, Cloudinary, Chakra UI

[Source Code](#) | [Demo](#)

- Developed a community-driven web-app focused on resolving doubts related to academics and other categories.
- Integrated content moderation using AI tools to maintain a safe and respectful online environment.
- Implemented Infinite scroll and Shimmer UI for seamless content exploration and user experience.
- Implemented a multi-format post-creation system supporting text, images (via Cloudinary integration), polls, and code snippets. Users can run the code on the client side as well before posting.

### IMAGE SEGREGATOR | React, Node.js, Express.js

[Source Code](#) | [Demo](#)

- Created Image Segregator, a full-stack application leveraging machine learning for automated photo sorting, utilizing React JS for frontend and Node.js with Express.js for backend
- Implemented facial recognition functionality using Python's `face_recognition` library.
- Supports multiple image formats for upload.

### DATA-PROTECTED CALLING APP | JavaScript, Kotlin, RestfullAPI, Android Studio

[Source Code](#) | [Demo](#)

- Restructured a calling application in Kotlin for Android to protect sensitive customer data in call centre operations.
- Programmed backend in JavaScript providing APIs for call management, including initiation, rejection, and muting functionalities.
- Implemented data protection features, effectively concealing customer phone numbers from call centre agents to prevent data leaks and unauthorized sales.
- Integrated a RESTful API system using HTTP POST requests for seamless communication between the mobile app and backend services.

## LEADERSHIP EXPERIENCE

### Placement Representative

Cotton University, Guwahati

Dec 2021 – May 2023

### Technical Head

Business And Finance Society, Guwahati

Oct 2021 – Jun 2023

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, C/C++, GO, Kotlin, SQL

**Web Technologies:** HTML5, CSS3, RESTful APIs

**Frameworks & Libraries:** React, Express.js, Next.js, Redux, Flask, Material-UI, Tailwind CSS

**Developer Tools:** Git, Docker, Postman, NPM, VS Code, Visual Studio, IntelliJ, Android Studio

**Database & Cloud:** MongoDB, Firebase, AWS EC2, MySQL

**Data Science:** Pandas, NumPy, Matplotlib