

# Shameek Kumar Baranwal

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## EDUCATION

**B.E. Computer Science & Engineering and M.Sc. Biological Sciences (dual degree)** CGPA: 8.40 | 2019-2024  
BITS PILANI

**Coursework:** Computer Programming, Object Oriented Programming, Data Structures & Algorithms.

## WORK EXPERIENCE

**FREELANCER | WEB/GAME DEVELOPER**

Fiverr | Jan 2021 – April 2021

- Helped clients in writing and debugging various web-apps and games using HTML, CSS, JS, and necessary libraries.
- Maintained a consistent **5-star** rating across all gig orders. More details available [here](#).

**SUMMER INTERN | APP DEVELOPER**

Remote | Jun 2021 - July 2021

- Worked with the CSR Initiative of Kotak Mahindra Bank to create, from scratch, a full-stack mobile application to improve their logistical workflows.
- Wrote the front-end of the application using React Native, and the server using NodeJS.
- Integrated the app's back-end with the organization's central Google Sheet to organize their databases without disruption. More details available [here](#).

**TEACHING ASSISTANT | OBJECT-ORIENTED PROGRAMMING**

BITS Pilani | Jan 2022 – Present

- Helped Prof. Anita Agrawal with the smooth conduction of the evaluative laboratory component of the course.
- Prepared questions and documentations for the laboratory component, and oversaw platform-related logistics to ensure minimized disruptions.

## PERSONAL PROJECTS

**SOUPY-BOT** 

NODEJS, PUPPETEER

A collection of WhatsApp bots written in JavaScript to automate simple tasks and to play games.

- spambot - To spam some static or dynamic messages on some chat.
- replybot - To reply to a specific trigger-word with some static or dynamic messages on some chat.
- hangbot - To allow anyone to play a game of **Hangman** within your chatbox. Upon encountering the trigger phrase, the bot picks a random word, and allows the user 5 turns to guess all letters of the word. Includes a *video* mode.

**PORTFOLIO** 

REACT, TAILWINDCSS, PARTICLESJS

My Portfolio Website to showcase my projects and skillset to potential recruiters.  
Made with ReactJS and deployed on GitHub Pages.

**OVERCLOCK** 

HTML, CSS, JS, P5.JS

A digital clock made of 360 analogue clocks. Learned how to, then designed and implemented a new notation for denoting clock states for optimizing memory usage to prevent HTML5 Canvas from bottle-necking the browser on low-end computers.

## SKILLS

**Languages:** HTML, CSS, JavaScript, Java, C++

**Tools:** NodeJS, React, React Native, p5.js, Git

## ACCOMPLISHMENTS

- Cleared **JEE Main and JEE Advanced**. (Jan 2019 - May 2019)
- Secured **93%** in ICSE Boards and **97.25%** in ISC Boards. (May 2017 - May 2019)
- Secured **third rank** in COFAS International Computer Olympiad (Computer Wizard). (Nov 2018)