



## SHAMEEK KUMAR BARANWAL

Course : **M.Sc. (Hons.)**, Biological Science and **B.E. (Hons.)**, Computer Science, 2024

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CGPA : 8.24



### ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	City Montessori School	ICSE	97.25 %	2019

<b>Subjects / Electives</b>	Data Structures & Algorithms, Database Systems, Logic in Computer Science, Discrete Structures for Computer Science, Computer Programming, Digital Design, Object Oriented Programming, Microprocessors & Interfacing
<b>Technical Proficiency</b>	HTML + CSS, Java, DSA, JavaScript, Frontend Engineering, Node.js, TypeScript, React.js, After Effects, Web Scraping, React Native, Data Structures, Mobile Application Development, Web Development

### SUMMER INTERNSHIP / WORK EXPERIENCE

<b>App Developer, Kotak Mahindra Bank</b>	<b>May 2021 - Jul 2021</b>
<ul style="list-style-type: none"><li>Worked with the CSR Initiative of Kotak Mahindra Bank to create a full-stack mobile application to improve their scheduling workflows, using React Native and NodeJS.</li><li>Integrated the app's back-end with the organization's central Google Sheet to organize their databases without disruption.</li><li>Received a <a href="#">Certificate of Appreciation</a> and <a href="#">Letter of Recommendation</a> at the conclusion of the internship.</li><li>More details regarding the project are available in the <a href="#">Project Report</a>.</li></ul>	
<b>Freelance Web Developer, Fiverr</b>	<b>Jan 2021 - Apr 2021</b>
<ul style="list-style-type: none"><li>Helped clients in writing and debugging various web-apps and games using HTML, CSS, JS, and necessary libraries.</li><li>Maintained a consistent <a href="#">5-star rating</a> across all gig orders.</li></ul>	

### PROJECTS

<b>pingx - Full-Stack Web Development</b>	<b>Apr 2022 - May 2022</b>
<ul style="list-style-type: none"><li>A minimalistic text-based full-stack chat application accessible from both the web as well as the command-line.</li><li>Server and CLI Client written using NodeJS, and Web Client written using ReactJS.</li><li>Made use of SocketIO library to utilise WebSockets to achieve realtime chat functionality.</li></ul> <a href="#">Live Demo</a>   <a href="#">Source Code</a>	
<b>soupy-bot - Bot Development</b>	<b>Jan 2022 - Jan 2022</b>
A collection of WhatsApp bots written in JavaScript to automate simple tasks and to play games. <a href="#">Source Code</a>	
<b>Portfolio Website - Web Development</b>	<b>Aug 2021 - Sep 2021</b>
<ul style="list-style-type: none"><li>A simple portfolio website to showcase my projects and skillset to potential recruiters.</li><li>Made with ReactJS, TailwindCSS, and ParticlesJS.</li></ul> <a href="#">Live Demo</a>   <a href="#">Source Code</a>	
<b>didactic-waddle - Game Development</b>	<b>Jan 2021 - Jan 2021</b>
<ul style="list-style-type: none"><li>A simple 2D mario-inspired web game project made using the p5.js framework.</li><li>Involves a character traversing from mountain to mountain in a two-dimensional world full of dynamic background elements.</li><li>Includes a level-generating engine, with which a user can generate custom levels with manual configurations and play it instantly.</li></ul> <a href="#">Live Demo</a>   <a href="#">Source Code</a>	

### POSITION OF RESPONSIBILITY

<b>Teaching Assistant for CS F211 - BITS Pilani</b>	<b>Mar 2022 - Present</b>
Worked with Prof. Swaroop Joshi in the smooth conduction of the laboratory and assignment components of the course Computer Programming.	
<b>Teaching Assistant for CS F213 - BITS Pilani</b>	<b>Jan 2022 - May 2022</b>
<ul style="list-style-type: none"><li>Worked with Prof. Anita Agrawal in the smooth conduction of the evaluative components of Object-Oriented Programming.</li><li>Prepared questions and documentations for lab evaluations and oversaw platform-related logistics to ensure minimized disruptions.</li></ul>	

### COMPETITIONS

<b>COFAS International Olympiad</b>	<b>Nov, 2018</b>
Secured third position in <a href="#">COFAS</a> International Computer Olympiad's Computer Wizard in the Senior Category.	