

# Ayushman Bilas Thakur

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## EDUCATION

### M.S. Computer Science

Arizona State University, Tempe, Arizona

Aug 2022 - May 2024

GPA 3.53

### B.Tech. Computer Science and Engineering

Kalyani Government Engineering College, India

Aug 2018 - Jun 2022

GPA 9.42 out of 10

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## TECHNICAL SKILLS

**Programming Languages:** Javascript/Typescript, C/C++, Python, Java

**Front-End:** HTML5, CSS3/SCSS, Vue.js, React.js

**Tools, Databases, and OS:** Node.JS, Express.JS, Firebase, Heroku, Git, GitHub, Windows, macOS, Linux/Unix

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## PROFESSIONAL EXPERIENCE

### Kesowa Ventures, India: Full-Stack Web Developer Intern

Sep 2020 - Dec 2020

- Developed a new API using **node.js** to process map coordinate data and .tiff images which were being uploaded manually without any interface before making workflow 10 times faster
- Migrated the old codebase to a cleaner, more readable version which made the process of creating new changes to the existing code 30% faster.
- Built a multipart form in 5 days using **vue.js** to communicate with the previously created API to upload map coordinates, .tiff images, and other drone data to our **MongoDB** database making UX better.

### MinD Webs Ventures, India: Full Stack Web Developer Intern

Mar 2019 - Mar 2021

- Completed 5 client projects with technologies like **HTML, CSS, Javascript, PHP, Node.js, React**
- Interviewed 3 other potential front-end web developer interns.
- Collaborated with other team members in the launch of 2 new products.

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## RELEVANT PROJECTS

### The OTP Game, *Personal Project*

Dec 2021 - Jan 2022

- Designed a minimalistic project with **React.js** and **Vite**
- Architected an engaging game loop
- Solved various game-logic problems like high score and score counting with Typescript

### Odd and Even the game, *Personal Project*

Apr 2020 - May 2020

- Converted the idea of swiping numbers to classify them as odd or even into a game using **HTML5, CSS3** and **Javascript**.
- Utilized local storage to store the high score of the user in the browser so that the game can also work offline.

### Productivity Stopwatch a personalized timer, *Personal Project*

May 2020 - Jun 2020

- Collaborated with two other developers to make an **Angular-based** personalisable timer.
- Translated the design made in Adobe XD to an Angular app.

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## OTHER EXPERIENCES

### Arizona State University, Tempe, Arizona, USA: Grader

Jan 2023 - May 2023

- Graded assignments for 80+ students in the Spring semester class of Advance Operating Systems.
- Helped with the organization, conduction and grading of 2 different exams (mid-term and final)
- Organized office hours once every week to help students with their doubts about the assignments and class materials

### Introduction Computer Center, India: Instructor

Jan 2021 - Jul 2022

- Taught students the basics of programming in various programming languages like C/C++, Java, and Python.
- Conducted practical classes to help students learn the topics with practical experience once every week.
- Organized doubt-clearing classes once a month to help students understand the topics efficiently.

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## EXTRA-CURRICULAR EXPERIENCE

### Developer Students' Club KGECE, India: Group Member

Jul 2019 - Jul 2022

- Hosted an online webinar about how to make simple web applications in 2020, which 50 students attended.
- Participated in various monthly meetings and webinars organized by the group to share and gain experience in software development.