

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

TECHNICAL SKILLS

Programming Languages: Javascript(JS), Typescript(TS), C, Python 3, Java

Front End(Frontend) Development Skills: HTML5, CSS3/SCSS, Vue.js, React.js

Back End(Backend) Development Skills: Node.JS, Express.JS, Firebase

Tools, Databases, and OS: Git, GitHub, Windows, macOS, Linux/Unix

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.

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

Useful Sites, *Personal Project*

Aug 2021

- Built a full stack project using MERN Stack where you can add interesting websites you have come across. It is somewhat like a public bookmark.
- In the process of implementing user authentication and administration with access and refresh tokens.

Odd N Even, *Personal Project*

Apr 2020 - May 2020

- Developed a game explaining my skillset in Javascript, HTML5 and CSS
- Implemented local highscore system using localStorage
- Implemented serviceworker to make it work offline

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.

EXTRA-CURRICULAR EXPERIENCE

Developer Students' Club KGEC, 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.

CERTIFICATIONS

JavaScript Algorithms and Data Structures: FreeCodeCamp

Issued Sep 2019

Credential Link: <https://www.freecodecamp.org/certification/ayushmanbilasthakur/javascript-algorithms-and-data-structures>