

Ayushman Bilas Thakur

602-814-7937 | ayushmanbt@skiff.com | linkedin.com/in/ayushmanbt | ayushmanbthakur.com | github.com/ayushmanbt

EDUCATION

M.S. Computer Science

Aug 2022 - May 2024

Arizona State University, Tempe, Arizona, United States of America

B.Tech. Computer Science and Engineering

Aug 2018 - Jun 2022

Kalyani Government Engineering College, India

TECHNICAL SKILLS

Programming Languages: JavaScript(JS), TypeScript(TS), C, C++, Python3, Java, PHP, Bash Script

Web Development Skills: HTML5, CSS3/SCSS, Vue.js, React.js, Astro, Next.js, Nuxt.JS, Node.JS, Express.JS, Flask, Django, Firebase, MySQL, MongoDB

Other Tools: Git, GitHub, Linux Kernel Development with C, Godot (game engine), Unity

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. Worked with a provided scaffolding design, and also had influence in some design decisions.
- Migrated the old codebase to a cleaner, more readable version which made the process of creating new changes to the existing code easier. Took me 2 weeks to migrate the current codebase.
- 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 according to early customer feedback.

Mind Webs Ventures, India: Full Stack Web Developer

Mar 2019 - Mar 2021

- Completed 5 client projects with ranging from custom WordPress theme with PHP, fully custom and responsive websites with HTML, CSS and JavaScript, and fully working dashborard with a working node.js based backend
- Collaborated with other team members in the launch of an URL Shortening application for Businesses to use. Also helped with the landing page of this application.

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.

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 questions 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 ACTIVITIES

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.