Ayushman Bilas Thakur

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EDUCATION

M.S. Computer Science   Aug 2022 - May 2024
Arizona State University, Tempe, Arizona   GPA 3.53
B.Tech. Computer Science and Engineering   Aug 2018 - Jun 2022
Kalyani Government Engineering College, India   GPA 9.42 out of 10

TECHNICAL SKILLS

Programming Languages: Javascript/Typescript, C/C++, Python, Java
Front-End: HTML5, CSS3/SCSS, Vue.js, React.js, Bootstrap
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
- Designed and 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 making 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.

Dressworm, India: Software Developer Intern   Jan 2020 - Mar 2020
- Composed the front end of the login system of the e-commerce website in **Nuxt.js**.
- Used **Firebase** for authenticating users using OAuth as well as email and password-based authentication.
- Collaborated with a senior developer to architect the tech stack to be used in the project which boosted our productivity by 50%

RELEVANT PROJECTS

Yet Another Habit Tracker (Web, Android), *Personal Project*   Feb 2022 - Mar 2022
- Created a backend using **express.js** to connect to the **MongoDB** database.
- Architected user authentication system using **JSON Web Token** technology to give users a secure login experience.
- Developed a frontend website with **vue.js** and an Android app using **Flutter** to show the regular occurrence of a habit of a user(entered manually).

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 – June 2020
- Collaborated with two other developers to make an **Angular-based** personalizable timer.
- Translated the design made in Adobe XD to an Angular app.

OTHER EXPERIENCES

SCAI, Arizona State University, Tempe, Arizona: Grader   Jan 2023 - May 2023
- Graded assignments for 80+ students in the Spring semester class of Advance Operating Systems.
- Helped with 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 was attended by 50 students.
- Participated in various monthly meetings and webinars organized by the group to share and gain experience in software development.