Ayushman Bilas Thakur

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Education

Master of Science in Computer Science (Cybersecurity)   Aug 2022 - May 2024
Arizona State University, Tempe, Arizona, United States of America   GPA: 3.17/4.00

Bachelor of Technology in Computer Science and Engineering   Aug 2018 - July 2022
Kalyani Government Engineering College, Kalyani, India   GPA: 9.44/10.00

Skills

Front-End Development: HTML5, CSS3, JavaScript, TypeScript, React.js, Vue.js, Svelte, Tailwind CSS
Back-End Development: Node.js, Express.js, Flask, Django, MongoDB, MySQL
Programming Languages: Python3, C, C++, Java
Other Skills: Figma, Flutter, Git, Communication, Teaching, Blog Writing, Linux Kernel

Professional Experience

Grader, Arizona State University, Tempe, Arizona, United States   Jan 2023 - Dec 2023
- Graded 10 different coding based assignments of over 80 students over two semesters - Spring 2023 and Fall 2023 in a graduate level Advanced Operating Systems course.
- Hosted office hours for 1 hour every week to answer doubts of students about assignments.
- Contributed in midterm and final exam evaluation and uploading final results over a tight deadline.

Instructor, Introduction Computer Center, Kolkata, India   Jan 2021 - Jul 2022
- Taught over 30 students from different age groups about the basics of programming languages like C, C++, Java, Python, SQL.

Full Stack Web Developer Intern, Kesowa, Kolkata, India   Sep 2020 - Dec 2020
- Boosted productivity by 50% by implementing a web based dashboard to upload data generated by drone mappings for the clients from the administrative end, without any interference.
- Handled upload of image files of size over 500MB and handled efficient delivery of those images.
- Implemented a Vue.js based frontend connecting to a mongodb based database reducing data entry mistakes by 32%.

Full Stack Developer, Mind Webs, Kolkata, India   Mar 2019 - Sep 2020
- Worked on 7 different client projects ranging from wordpress solutions to custom websites with complex backend.
- Collaborated on a business oriented link shortening application which was used by 10 businesses.

Personal projects

Useful Sites React.js, Express.js, Mongodb; useful-sites.netlify.app   Aug 2021 – Sep 2021
- Developed a mobile-first UI with React.js and interactivity implemented using Typescript.
- Implemented data persistence through a MongoDB-based database with Mongodb atlas.
- Established an efficient REST API using Express.js to seamlessly interact with the MongoDB database, with important security measures like CSRF protection.

Community activity

Group Member, Developer Students' Club KGEC, India   Jul 2019 - Jul 2021
- Orchestrated a well-received online webinar in 2020, educating 50 students about building a web application and connecting that application with an IoT device, showcasing effective communication and teaching skills. Also participating in weekly meetings to discuss further development