Atul Prakash

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PROFESSIONAL SUMMARY

Masters Student in Computer Science actively looking for internships and opportunities to utilize my skills & contribute to the growth of the organization in an efficient manner and help improve the organization's position in the global market.

SKILLS

- Languages : C++, Java, JavaScript, HTML, CSS, Solidity
- Frameworks : Spring Boot, NodeJS, Bootstrap
- Databases : MySQL, MongoDB
- CRM : Zoho CRM
- Tools : Git, Docker
- Communication and Leadership

EDUCATION

Computer Science - Master of Science - 2024
Arizona State University - Tempe, AZ

Computer Science - Bachelor of Technology - 2022
Indian Institute of Information Technology Guwahati - Guwahati, India

WORK HISTORY

Software Engineer - January, 2022 to July, 2022
Lentra - Pune, India

- Built new features in the ongoing project of MultiBureau using Java and SpringBoot.
- Fixed bugs in the code and updated the code with new features.
- Created a new interface for the project and added various rules to the Bureau according to the requirements.

IT Intern - June, 2021 to September, 2021
Ananta Resource Management - India

- Worked on websites and CRM for the organization using Wix and Zoho CRM.
- Handled meetings with clients and worked according to their requirements.
- Managed a team of a few people ensuring the tasks were finished before the deadline and in accordance to the requirements.

PROJECTS

- **Ambulance App**: An app to keep track of the availability of the ambulances available on campus has some features such as tracking the real-time location of the ambulance, accessing logs, checking the availability of ambulances on campus, etc. It is built with HTML, CSS, JavaScript, Bootstrap, NodeJS, and Apache Cordova, using Geolocation API.
- **Performance evaluation of honeypots:** Evaluated the performance of T-POT an open-source honeypot and analyzed the attacks and commands that attempted to take control of the network. Various tools and testbeds were used for this such as Vultr, Cowrie, T-POT, and FABRIC testbed.
- **Transactional and Medical Smart Contracts:** Created different smart contracts for both public (Ethereum) and permissioned (Hyperledger Fabric) blockchains. Creating the transaction-based smart contract for Ethereum using Solidity, Remix IDE, Meta Mask, Goerli Faucet and NodeJS, CouchDB for deploying a smart contract for creating and managing the records of patients in Hyperledger Fabric.
- **Library Management System**: A library management system for the institute to keep track of all the books and manage the issued books, while students can check the availability of the books in the library. They are built with HTML, CSS, JavaScript, Bootstrap, and NodeJS.