

Atul Prakash

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SUMMARY

Computer Science student with experience in full-stack development, object-oriented programming, and customer relationship management seeking internship and full-time opportunities to utilize my skills & contribute to the org's growth.

EDUCATION

Master of Computer Science May 2024
Arizona State University, Tempe, AZ 3.67GPA

B.Tech. Computer Science May 2022
Indian Institute of Information Technology Guwahati, Assam, India 7.46 CGPA

TECHNICAL SKILLS

Programming Languages: C++, Java, JavaScript, HTML, CSS, Solidity

Front-End: HTML, CSS, Bootstrap

Tools, Databases, and OS: Spring Boot, Node.JS, PostgreSQL, MySQL, MongoDB, Git, Docker, GitHub, Windows, MacOS, Linux/Unix

Certifications: Programming for Everybody(2020), Python Data Structures(2020), Text Retrieval and Search Engines(2020)

PROFESSIONAL EXPERIENCE

Lentra, Pune, India: Software Engineer 1/2022-7/2022

- Responsible for automating solutions to harden internal and customer systems for the filtering of data that goes inside the bureau for processing of requests. Role included assessments, coding the solutions, testing, and implementation.
- Wrote automation code for data pre-processing and implemented new features in the pipeline of MultiBureau using **Java**, utilizing **Spring Boot** as backend to create microservices.
- Created new interface for the ongoing project MultiBureau using **HTML, CSS and JavaScript**.
- Used project management software **JIRA** to track the progress of the project and **Git** for version control and **Jenkins** for deployment of the project.
- Demonstrated project capabilities to manager and senior developers for the new features created for the project.
- Trained 5 new developers on the new features; created training materials to inform interns about the code and the testing background and bug-fixing.

Ananta Resource Management: IT Intern 6/2021 - 9/2021

- Spearheaded the development and maintenance of websites and CRM systems for the organization, leveraging **Wix** and **Zoho CRM** platforms.
- Facilitated productive client interactions by conducting meetings to comprehensively understand and fulfill their unique requirements.
- Assumed a leadership role by effectively managing a team, ensuring the prompt completion of tasks while meticulously adhering to project specifications and deadlines.

PROJECTS

Ambulance App

- Designed and developed a comprehensive campus ambulance tracking application, featuring **real-time ambulance location tracking**, access to **historical logs**, and **instant availability checks**. Leveraged an advanced technology stack including **HTML, CSS, JavaScript, Bootstrap, NodeJS**, and **Apache Cordova**, along with **Geolocation API integration** to ensure precise real-time tracking.

Library Management System

- Developed and implemented a comprehensive library management system for the institute, encompassing **book cataloging**, **issuance tracking**, and **real-time book availability check** for students. Utilized a tech stack including **HTML, CSS, JavaScript, Bootstrap**, and **NodeJS** to ensure a seamless and efficient solution.

Performance evaluation of Honeypots

- Conducted comprehensive performance evaluation of T-POT, an open-source honeypot, to analyze incoming attacks and infiltrative commands targeting network security. Utilized a range of tools and testbeds including **Vultr, Cowrie, T-POT**, and the **FABRIC testbed** to facilitate the research process.