

AISHWARYA LONARKAR

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Education

Master's in Computer Science

University of Georgia

August 2021 to May 2023 - GPA 3.76/4

Athens, Georgia, USA

Bachelors in Computer Science

University of Mumbai

June 2016 to June 2019 - GPA 8.12/10

Mumbai, India

Diploma in Computer Engineering

Maharashtra State Board of Technical Education

June 2012 to May 2016 - GPA 8.3/10

Mumbai, India

Technical Skills

Languages: Python, Java, C/C++, RUST, JavaScript ES6, JQuery, HTML/CSS, SQL, PostgreSQL

Frameworks: Flask, Angular Js, Node Js, Spring Boot, Bootstrap

Technologies: Docker, Shell Script, Microservices, MVC, GitHub, Agile, CI/CD, Flex Layout, Material UI, PWA

Experience

Intradiem Inc

May 2022 - Current

Engineering Intern

Alpharetta, Georgia

- Working on employing a variety of tools and technologies like Kubernetes, Docker and checking algorithms for suitability, performance, and accuracy, translating APIs in Spring Boot -Java from .Net, C#.

CAES-Ag & Environmental Svcs Lab

January 2022 - May 2022

Student Assistant

Athens, Georgia

- Migrated an Access database to PostgreSQL, utilizing Git to preserve the code and ES6 to parse the existing Access queries into PostgreSQL.

Quinnox Inc

July 2019 - July 2021

Software Developer

Mumbai, India

- Modeled and developed a dynamic solution of PDF compare which compares two pdf files from QA and Prod allowing use of threshold, completely eliminating need of manual checks using Scikit-Learn Numpy and Pandas Libraries of Python
- Awarded for ABM Project that analyzes accounts progress in form of graphs on Monthly, Quarterly and Yearly basis which helps in scheming the action items to boost revenue utilizing Django, Vue Js, Javascript, Chart Js and Power BI.
- Mentored the Team on Microservices, Python, Flask and Cloud by conducting Hands-On Training.
- Designed and Implemented end to end Solution for Web Excel Compare for which I implemented RESTful API using Python, JavaScript, JQuery and designed deployment architecture on Cloud Platform using on Demand AWS Web Services along with Amazon S3 and Elastic Load Balancing.
- Automation and Integration of Organization's Client Email requests to directly send requests to software, compute and send responses back to automatically saving 74% of employees time using Flask - Python and NodeJs along with Docker.

Projects

- Multithreaded and multi processor applications** like Web Server, Large File Reader in C, implemented synchronization within multithreaded applications using Linux-based synchronization mechanisms like mutex, semaphores, conditional variables, waitpid, abort.
- Designed and implemented a **Pintool** for detecting Buffer and Stack Overflow attacks using C++.
- Multi Factor Authentication as a Service with single sign On** implementing Triple AES encryption, and IP Blacklisting using Python, AngularJs and MySQL, AWS Lambda, AWS RDS.
- Online Caste Validation Certificate** using Python-Flask, AngularJs and SQL for Smart India Hackathon conducted by Government Of India
- Unix shell using RUST** with unique commands like remove all except n, listDir -l, -a, -tree, -color, Reverse search and execute, Sort by type.
- File System Simulator in C.**
- Dairy Delivery and Reconciliation** using Angular Js for Frontend and Node Js for backend and integrated with the Cashfree Payment Gateway

Leadership / Extracurricular

- Technical and Creative Head of University of Mumbai CSI DMCE and CATT Committee from June 2017 to July 2019
- Treasurer of Indian Student Association UGA from Aug 2021
- Conducted Python and Django Hands-On Workshop under Computer Society of India.