

Sammed Admuthe

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EDUCATION

- **Rutgers University, New Brunswick** New Jersey, USA
Master of Science - Computer Science; GPA: 3.83/4 September 2022 - Current
- **Pune Institute of Computer Technology** Pune, India
Bachelor of Engineering - Computer Engineering; GPA: 9.23/10 August 2016 - April 2020
Courses: Design and Analysis of Algorithms, System Programming and Operating Systems, Computer Networking, Database Management Systems, Data Structures and Algorithms, Artificial Intelligence, Machine Learning

SKILLS SUMMARY

- **Programming:** Python, C#, C++, JavaScript, Typescript, SQL, SQLite, JAVA
- **Tools and Frameworks:** Git, MVC, .Net, Postman, Firebase, Microsoft Azure, Azure Service Bus

RELATED WORK EXPERIENCE

- **Icertis, Pune** Remote
Software Engineer (Full-time) July 2020 - July 2022
 - Worked on feature-driven development and enhancements for Icertis Contract Management(ICM) platform.
 - Developed client specific upgrade-safe customization using C#, .NET, Javascript and MVC framework.
 - Designed and developed production-ready reusable solutions for commonly used features.
 - Implemented event/schedule based tasks that replaced traditional tasks and reduced system overload by 30%.
 - Worked on integrating Icertis Contract Management System with external applications/interfaces like Adobe Sign, Docusign, SSO.
 - Automated and optimized test cases from scratch for the clients like Apple, Porsche, Sanofi, Biomerieux and Merck.
- **Crio.do** Remote
Student Developer (Backend) Feb 2020 - April 2020
 - Created bash scripts to run system checks. Involved in analysing new version's compatibility and performance. Enhanced system performance by implementing multithreading.
 - Involved in development of backend for a food-ordering app. Reduced API calls by implementing client side custom code. Worked with Mockito Frameworks and Facebook Graph APIs.

PROJECTS

- **Write Once File System:**
Designed and developed write-once file system with session based semantics from scratch. Made efficient utilization of available memory to build disk-like structure. Implemented mount, unmount, read, write, open and close function calls to disk. Reduced external fragmentation. Implemented secured policy to detect broken disk structure and illegal file operations.
- **Customer Relationship Manager:**
Developed a web application to store, retrieve and modify customer data using MVC design pattern. Implemented CRUD operations on customer data. Used LINQ queries to retrieve and process data from the database.
Tech Stack :- HTML, CSS, MVC, Javascript, C#, SQL.
- **Farmer Vendor Bidding Application:**
An android application and bidding platform that allows for efficient farmer-vendor interaction. Wrote efficient database queries - (SQLite). Developed the entire backend logic. Integrated Google maps API to calculate the delivery cost based on farmers location.

ACHIEVEMENTS AND AWARDS

- SPOT Award, Icertis - February 2022.
- Superbuilder Team Award, Icertis - September, 2021.
- Relentless Bee - Recognition for consistent performance, Crio.do - February 2020.
- Secured top 5 percentile in "Programming Data structures using Python", a nation-wide program by NPTEL.

CERTIFICATION

- Programming Data structures using Python (NPTEL).
- Going Cloud Native by Amazon Web Services.
- Structuring Machine Learning Projects (Coursera).
- Sequence Models (Coursera).

PUBLICATIONS

Sammed S. Admuthe, Hemlata P. Channe (2021) Document Image Classification using Visual and Textual Features, International Journal of Engineering Research & Technology (IJERT) Volume 10, Issue 09, September 2021.