Ashwin Kumar H.R

 ashwinhr.com 414-326-6140 ashwin.hr1997@gmail.com www.linkedin.com/in/ashwin-kumar-hr/

Education

University of Wisconsin - Milwaukee **Aug. 2021 – Jan 2023**
Masters in Computer Science *Milwaukee, Wisconsin*

Visvesvaraya Technological University **Aug. 2015 – Aug 2019**
Bachelor of Engineering in Information Science *Bangalore, India*

Relevant Coursework

- OOPs
- Data Structures
- Analysis of Algorithms
- Database Systems
- Computer Networks
- Software Engineering
- Web Development
- AI and ML

Professional Experience

Accenture **Oct 2019 – Aug 2021**
Application Development Associate *Bangalore, India*

- .Net Core, .NET Framework MVC and WPF developer for ADAP Team (Accenture DuckCreek Delivery Acceleration Platform).
- Analysed the requirement and developed a component to produce an user audit report for ReadsoftOCR and automated it using Quartz.NET.
- Created custom event schedules on MySQL Server.
- Worked on migrating ASP.NET web applications to a WPF application, major User-Interface enhancements and ADAP tool developments for automation of various processes followed in the insurance industry.
- Worked on deployment of code with the production team and documented the various design and technical documents for client use
- Developed automation scripts for regression and unit testing for built components using Smart-Eye Automation Tool.

Indian Space Research Organization (ISRO) **Jul 2018 – Aug 2019**
Software Engineer Intern *Bangalore, India*

- Interned at the Server and Network Management team.
- Architected, designed, and developed an intranet application that depicts the strength of ISRO CDN, using HTML/CSS, JavaScript, AJAX, PHP and MySQL. Hosted it on the internal servers.
- Built custom web page for a live charting of CDN Performance based on HTTP codes and information logging to increase team productivity using Chart.js which later helped the team to take a call on deciding which CDN vendor to go for.
- Worked on "Detection of Zero-Day Malware using Machine Learning".
- Built a model using J48 decision tree to to differentiate between malware and benign samples thus revealing the presence of any malicious files with an accuracy of 97 percent.
- Published Technical paper "Detecting Zero-Day Malware" in IJERT, Vol 8, Issue 5, May 2019.

Personal Projects

TShirtEcom | *HTML, CSS, ReactJS, Django* | https://github.com/akhr1997/TShirtEcom

- A full stack Ecom application with payment gateway integration in Django and react.
- App uses Django V3 and modern react with hooks and Braintree for payment gateway.

Secrets | *HTML, CSS, EJS, Node, MongoDB, Google OAuth 2.0* | *https://github.com/akhr1997/Secrets*

- A web app that lets users to submit their secrets anonymously.
- Implemented Cookies, Session and Google OAuth 2.0 for Authentication.

Technical Skills

Full Stack Web Development: HTML, CSS, JavaScript, MySQL, MangoDB, NodeJS, ReactJS, Django, RestAPI
Programming: Python, Java, .Net Core, .NET Framework, ASP.NET MVC
Tools: Linux, GitHub, Gatsby, Heroku, Netlify, Postman, VS Code
Testing: Regression and Unit Testing

Leadership / Extracurricular

- Currently working as an IT Assistant for the UWM Foundation as a DB Admin.
- Led a team called AssociateNest at Accenture, where the team was in charge of assisting new intakes into the project (Freshers, Team-Leads, and Managers) to help them understand the design and technical workflow of our application.