

PRATIK AGARWAL

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EDUCATION:

Arizona State University, Tempe, AZ

Master of Science in Information Technology

Expected August 2023

GPA – 4.0 / 4.0

Relevant Courses: Advance Database Management Systems, Cloud Computing, Data Analytics and visualization

SRM Institute of Science and Technology, Chennai, IN

Bachelor of Technology in Information Technology

May 2019

GPA – 7.15 / 10

Relevant Courses: Data Structures and Algorithm, Computer Architecture, Software Design, Operating Systems

WORK EXPERIENCE:

Infosys Ltd, Pune, India:

September 2019 – December 2021

Senior Systems Engineer

- Composed scripts using Java to retrieve 100K+ user information, reducing migration time by 50%.
- Enhanced 100+ testing processes to ensure software quality and reliability.
- Optimized software solutions in Python, fixing over 100 bugs in the client's tool, shortening customer wait time by an average of 6 hours.
- Mentored a team of 30 junior developers providing guidance in coding best practices and project management.
- Created 20+ dataset analytics dashboards using CRM platform imported from Azure SQL, resulted in 40% increase in the data processing efficiency.

Projects:

Credit Score Evaluation: (Data Analytics)

October 2022 – November 2022

- Built a predictive model using machine learning algorithms, including Random Forest Classifier, SVM, Naïve bayes, and XGBoost to accurately predict credit scores for 10,000 loan applicants.
- Generated data visualizations using Tableau to communicate insights and recommendations to stakeholders, resulting in a 20% reduction in credit risk exposure and a 15% increase in loan approvals.

WeSwitched Store: (Cloud Computing)

March 2021 – May 2021

- Designed a responsive and user-friendly E-commerce platform using AWS Cloud infrastructure that facilitated a 30% increase in sales and improved customer experience.
- Implemented a payment gateway using Stripe API that processed over 10,000 transactions per day.

Swaad Sada: (MERN Stack)

....October 2018

- Deployed a food ordering website using MERN stack, ensuring a fast & reliable experience for over 500 users.
- Utilized MongoDB to store data, providing seamless access to the platform from anywhere, resulting in a 30% increase in customer satisfaction.

Medical Help Desk: (Advance Java)

February 2016 – April 2016

- Implemented a medical healthcare website using JSP by following industry-standard protocols for data privacy and security to interact with 1000+ patients.
- Developed a secure database to store sensitive medical data, resulting in an 80% reduction in paperwork.

University Leadership:

SRM University, Chennai, India:

August 2016 – November 2018

- Executed two hackathons, attracting over 200 participants and sponsorships from leading tech companies.
- Represented the college in the Tamil Nadu government hackathon for 2 times.
- Provided cloud computing training from 'Qwiklabs' to over 300 college students.
- Served as a technical lab assistant for the IT department for 2 years.

Technical Skills:

- Web Technologies: HTML, CSS, MySQL, KQL, Node.js, React.js, Mongo DB, Bootstrap, jQuery
- Programming Languages: C, C++, Java, Python, PHP, JavaScript
- Cloud Computing: Google Cloud Platform, Azure, AWS
- Tools: VS Code, GIT, Power BI, Tableau

Others:

- **Publication:** Study on Smart TV Using Raspberry PI | Study on Private PI
- **Awards:** Rookie of the Quarter | Best Research Paper | Best Project Contributor | Made a Difference
- **Community Involvement:** Student Coordinator | Volunteer in MAD India