

RAMYA KUMAR

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SUMMARY

- **5+ years of experience** in designing, coding, testing, and debugging software applications using **C#**.
- Proficient in utilizing **.NET technology** to deliver efficient and scalable solutions.
- Enthusiastic Software Developer adept in **OOPs concepts** and experienced in **Agile methodologies**.
- Proven ability to develop high-quality software adhering to **design principles** across all stages of **SDLC**.
- Committed to delivering innovative software solutions that meet and exceed client expectations.
- Received GEM Employee of the year award from Infosys.

SKILLS

- **Languages And Framework:** C#, ASP.NET MVC, Rest API, ADO.NET, WCF
- **Database:** SQL, ElasticSearch, AWS S3, Splunk
- **Cloud:** AWS
- **FrontEnd:** Html, CSS, JavaScript
- **Tools:** VisualStudio, SSMS/Informix Db, Postman/Swagger
- **Deployment:** Docker, CI/CD Pipeline (Jenkins, Octopus)
- **Methodologies:** Agile/Scrum (Jira, Jira Align)
- **Version Control:** Git, Bitbucket

EXPERIENCE

Fidelity Investments

September 2021 – August 2023, Hyderabad, India

Software Developer

- Responsible for enhancing Vault: a storage repository in the eMoney application. Built data lake and ingestion process within **AWS**. Contributed to POC, data ingestions, and deployment to production.
- Created a **Bash script** in Linux server to extract data concurrently from multiple datasets within **Elasticsearch**. The extracted data is stored in on-premise storage (**NFS**) and then transferred to an S3 bucket through the **AWS DataSync process**.
- Implemented **SAML 2.0** for SSO Integration with a third-party client to transfer client basic information.
- Improved application performance through the development of various feature **enhancements** and **optimizations** using **stored procedures** and **queries**, resulting in expedited data retrieval.
- Contributed to quick delivery of bug fixes identified during QA, UAT, and Production **testing**.
- Collaborated on a team of 5 Software Developers and participated in 10+ PI sessions, effectively presenting committed user stories in sprint demos following **SAFE Agile** principles, which enhanced cross-team understanding and coordination.
- Orchestrated the deployment of operational software into development and lower-tier environments utilizing **Jenkins** and **Octopus**, to facilitate testing.

Infosys(Walmart)

July 2018 - September 2021, Hyderabad, India

Senior System Engineer

- Responsible for developing a real-time application used by **Walmart pharmacy** called Connexus, a WinForms application using **Vb.Net**. Worked with client-sensitive data adhering to HIPAA policies.
- Implemented **REST API** for transfer of data to mobile app and simplified the process of administering immunization vaccines resulting in increasing the rate to over **3 million** and paper savings of about **750k**.
- Developed services in **WCF** as part of functionality enhancements thereby **saving 15 mins** of Pharmacist time. Optimized the time from 15-20 minutes to 2-3 minutes on average leading to customer satisfaction.
- Improved application performance by modifying queries and creating stored procedures using **ADO.NET**.
- Created **Splunk queries** that power dashboards, enabling rapid problem anticipation and issue resolution.
- Implemented **parallel programming** using **delegates** to expedite data retrieval, resulting in optimized response time.
- Designed and implemented a robust REST API **authentication** mechanism, utilizing **HashiCorp Vault** to securely store REST keys, enhancing data security and access control measures.

Infosys

January 2018 - April 2018, Mysore, India

System Engineer - Trainee

- Pursued internship in C# technology, emphasizing Learning and Development (L&D) training and fostering team development through assessment-based skill enhancement.
- Developed a web application named Effort Tracking System using **MVC pattern** which tracks individual efforts within the organization, showcasing a commitment to streamlined, modular design.
- Utilized front-end technologies including **HTML, CSS, and JavaScript** to enhance user interface and interactivity within ASP.NET web applications.
- Enhanced code quality by **mitigating code smells** and **security vulnerabilities** through **SonarQube** code analysis before initiating a pull request.

EDUCATION

B.E. Computer Science and Engineering

August 2014 - April 2018

Anna University, Chennai, India CGPA: 8.0

Certifications : Developing on AWS | Html, CSS and Javascript for Web Developer | Learning AWS Lambda

ACCOMPLISHMENTS (Past three months)

- **Resume Portfolio (Work in Progress):** Building my Resume Portfolio to further develop my skills and showcase my experience in web development.
Tech Stack: ASP .Net Core MVC, React JS, HTML, CSS
- **ECard Application:** Built a simple interface for managing items, shopping, and creating orders. You can find the project at <https://github.com/ramyak457/ECard>
Tech Stack: ASP .Net MVC, JS, HTML, CSS, SQL
- **Photography Portfolio:** Incorporated high-quality images and 4K videos into a comprehensive photography portfolio, showcasing proficiency in handling large data sets.
Tech Stack: JS, Amazon S3, Bash Script