

Runcy Oommen

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Summary

An accomplished software engineer with strong SDLC experience and a string of projects primarily in the security domain.

Runcy strives constantly to build better software with extra focus on data security that would be kept throughout it's life-cycle and not just as an after-thought. Considers

himself to be a perfectionist yet remains practical, knowing where to draw the line and stop. Runcy advocates strong data privacy and possessing a natural penchant for security, he began working full time on CloudBrew to minimize data breaches in this mass surveillance world, which continues now as an open source project.

Experience

SonicWALL

BANGALORE, INDIA

Principal Software Dev Engineer

Dec '19 – Present | Dec '07 – May '16

SonicWall creates appliances directed at content control, secure remote access & network security.

- Currently with the firewall management team that's building a micro-services based, cloud first and cloud native application for effective scaling and robustness.
- Over the course of his tenure, Runcy was part of the Email Security, SSL-VPN, UTM and Mobile Connect teams with focus on network and application security.
- Implemented the settings and diagnostics enhancements to provide periodic automated backups for easier appliance recovery, restoration and root cause analysis.
- Worked on a dynamic license aggregation system that looks up all the 3rd party licenses used in the product per release and generating an automated guide.
- Built the Mobile Connect VPN client for Linux from scratch and got it to a point which can then be further integrated by the respective firmware teams.
- Worked on a number of enhancements and bug-fixes from a system level perspective that improved the usability and stability of the product.
- Kick started the process of security testing inside QA as an additional effort that was missing and which is now being carried forward as part of the release activities.

BRIDGEi2i

BANGALORE, INDIA

Cloud Architect

Jun '17 – Nov '19

BRIDGEi2i is a global analytics solutions firm for enabling data-driven business transformation.

- Leading the team for creating a cloud first and AI enabled sales assistant that deliver deal level recommendations. Primarily responsible for designing the architecture from grounds up with emphasis on secure development.
- Responsibilities involve development of the components either in a containerized or serverless manner for effective scaling.
- Design and development of the licensing and subscription services from scratch.

CloudBrew

BANGALORE, INDIA

Founder

Nov '15 – May '17

CloudBrew is designed primarily as a one-stop-shop to store content in a secure and private way.

- Building the core library that does the encryption, split, decryption and merge of files, identifying the algorithm and optimization for production readiness.
- Implemented the final packaging mechanism that combined the web, GUI and library components, deployment and easy environment replication.
- Help arrive at the grand vision with an eye on the finer details by elevating the user experience and identifying the gaps.
- Conducted design reviews, integration of the GUI and core library components, end-user testing, performance and security enhancements.

McAfee

BANGALORE, INDIA

Software QA Engineer

May '05 – Dec '07

McAfee is one of the world's leading independent cybersecurity companies.

- Part of the QA team that looked at the bread and butter traditional AV product gaining exposure to Firewall, Anti-Spam and Content Filtering.
- Exclusively selected to test a mission critical shared module.

- Performed functional testing, security testing, protocol testing (RFC based), usability tests, regression, I10N and L10N, exploratory testing and integration tests of McAfee product suites.
- Review of Use cases, SRS, PRD and analyzing architecture diagrams from a gray box testing perspective. Test case and test plan creation, review, estimation and execution.

Infosys

MYSORE | BANGALORE, INDIA

Associate Software Engineer

Jul '03 – Apr '05

Infosys is a leading software technology and consultation company. Part of the Finacle team - the flagship banking product - involved with the CRM module and some core banking aspects.

Please look at my [Linkedin profile](#).

Education & Certifications

XLRI

JAMSHEDPUR, INDIA

Post Graduate Certificate in Business Management

2006 – 2008

CGPA 8.0 - Specialized in Business Management, Finance, Software Project Management, Costing and Marketing.

Bharathiar University

COIMBATORE, INDIA

Bachelor Degree in Software Systems

2000 – 2003

Distinction - Specialized in Programming, Computer Science, Databases, Software Life-cycle, Architecture, Design and Implementation.

6x cloud certified from AWS, GCP and Azure

2019

Certified Software Quality Analyst (CSQA)

2005

Graduate from National Institute of Information Technology (GNIIT)

2000 - 2003

FOSS, Community, Events & Activities

- Multiple hackathon wins - **Top 6** team finish from 6500+ participants at **Rajasthan IT Day 4.0 (Mar '18)**, **3rd Prize** at **UNiSYS 20/20 (Dec '17)**, **2nd Prize** at **Unilever MUSE (Oct '17)**, **Special Jury Award** at **Accenture, HackForward (Jul '17)**
- Organizer of [Google Cloud Developer Community](#), [AWS User Group](#), [Container Developers](#) and [Serverless Architecture](#) meetups
- Slides from my various talks and presentations available at [SlideShare](#)
- Recent article on data security & privacy published by [Analytics India Magazine](#)

Awards, Achievements & Recognition

- Presented with the **Brand Ambassador Award** by **Bridgei2i** for being a community influencer and increasing the brand equity of the company. *Apr '18*
- Received the **Gold Award** by **Dell** for contribution done towards Mobile Connect and in improving the stability of the SSL-VPN firmware. *Aug '15*
- Given the **Star Award** thrice from **SonicWall** as recognition and success towards the engineering team and company. *Nov '11, May '10 & Feb '09*
- Awarded **Catch of the Month** by **McAfee** for discovering business critical defects in the product with an impact on revenue. *Apr '07*

Skills

- **Programming:** Go, C, C++, Python, Shell Script, Make and HTML. Prior experience on Ruby and Perl.
- **Technical specialties:** Knowledge of SDLC around Software Dev, QA and Automation. Linux, Virtualization, Cloud (AWS, GCP), Docker, Serverless, Kubernetes, TCP/IP Networking, Software Security, Perforce, Git, Apache, Bugzilla, MySQL, MongoDB.
- **Natural languages:** English (*full professional proficiency*), Malayalam (*mother tongue*), Hindi (*working proficiency*) and French (*beginner*).