

# 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.

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## 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 NSM (firewall management) 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.

10x multi-cloud certified - AWS, GCP, Azure, CNCF

*2019-2020*

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 [GDG Cloud](#), [AWS User Group](#) and [Cloud Native](#) 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*).