

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

BRIDGEi2i

BANGALORE, INDIA

Cloud Architect

Jun '17 – Present

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

- Leading the engineering team for creating a cloud native platform with primary responsibilities around designing the architecture from grounds up and secure development.
- Responsibilities involve development of the common platform components either in a containerized serverless manner for effective scaling.
- Design and development of the licensing and subscription services from scratch.
- Set guidelines for code review, release & branch management and data security architecture.

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.

SonicWall

BANGALORE, INDIA

Sr. Software Dev Engineer

Dec '07 – May '16

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

- Over the course of my tenure, Runcy was part of the Email Security, SSL-VPN client/server and UTM (Firewall) teams with focus on network and application security.
- Involved with development and testing of the Firmware, Web Application Firewall and Mobile Connect Linux clients.
- 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.
- Started the initiative to lookup product forums, respond & troubleshoot issues posted by the public and thereby developing this into a full fledged activity in the team during every release cycle.
- 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.

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

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.

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 Bridge2i** for being a community influencer and increasing the brand equity of the company. *Apr '18*
- CloudBrew selected as the **top 13** start-up from over 5000 in **UberPITCH, India** finals. *Dec '16*
- CloudBrew granted **\$20,000 in credits by Google** as part of their **GCP Sparks** package. *Jul '16*
- 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:** C, C++, Python, Shell Script 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, TCP/IP Networking, Software Security, Perforce, Git, Apache, Bugzilla and MySQL.
- **Natural languages:** English (*full professional proficiency*), Malayalam (*mother tongue*), Hindi (*working proficiency*) and French (*beginner*).