Runcy Oommen

http://runcy.cloudbrew.io | runcy.oommen@gmail.com | +91 9886239443 | Bangalore, India

Summary

An accomplished software & systems 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 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. A strong data privacy advocate, Runcy began working on CloudBrew to minimize data breaches in this mass surveillance world. Prior to beginning his entrepreneurial journey, Runcy was employed at SonicWALL, Intel Security and Infosys that exposed him to the info sec domain.

Experience

CloudBrew — BANGALORE, INDIA
Founder — *Nov '15 – Present*

CloudBrew is designed primarily as a one-stop-shop for all your online data storage. However, this isn't another Dropbox or Google Drive, but more like breaking the norms, limitations and silos to morph it into a secure and private way to store content.

- Primary role is to help arrive at the grand vision with an eye on the finer details by elevating the user experience and identifying the product gap.
- Building the core library that does the encryption, split, decryption and merge of files from ground up, identifying the algorithm and optimization for production readiness.
- Implemented the final packaging mechanism that combined the web, GUI and library components for easy packaging, deployment and easy environment replication.
- Conducted design reviews, integration of the GUI and core library components, end-user testing, performance and security enhancements.
- Co-ordination with the beta users in gathering feedback, bug fixes, roll out of updates and deployment to LIVE (cloud) environment.
- Getting it done by leading from the front with a wide gamut of activities from hiring, marketing, investor relations/pitches, SEO, finance and regulatory/compliance activities.

SonicWall — BANGALORE, INDIA
Sr. Software Dev Engineer — *Dec '07 – May '16*

SonicWall creates various internet appliances primarily directed at content control, secure remote access and network security.

- Over the course of my tenure, I 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.

Intel Security — BANGALORE, INDIA
Software QA Engineer — *May '05 – Dec '07*

Intel Security (previously McAfee) is the largest dedicated security technology company.

- 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 from the Bangalore center by the management because of my exceptional defect rate and bug hunting skills, to lead a 3 member QA team for a critical shared module used by VirusScan, Privacy Service and SpamKiller products.

- 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*

Awards, Achievements & Recognition

- Selected as the **top 13** start-up from over 5000 in **UberPITCH, India** finals. *Dec '16*

- 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*

Patents & Publications

- **India 201641030690** (Pending) - "A system and method for distributed and encrypted data storage in multiple cloud systems". *Sep '16* [pdf]

- **Prime Encryption Algorithm (P.E.A)** - "An alternative encryption similar to Blow Fish encryption but only for passwords, using prime numbers and character substitution". *Nov '06* [pdf]

Skills

- **Programming:** C, Python, Shell Script and GNU Make. Prior experience on Ruby and Perl. Understanding of HTML and JS.

- **Technical specialties:** Solid knowledge of SDLC around Software Dev, QA and Automation. DSA. Linux Administration, Virtualization, Cloud (VMware, GCP, AWS, Docker), TCP/IP Networking, Software Security, Perforce, Git, Apache, Bugzilla and SQLite.

- **Natural languages:** English *(full professional proficiency)*, Malayalam *(mother tongue)*, Hindi *(working proficiency)* and French *(beginner)*.

Interests

Non-exhaustive and in alphabetical order: Astronomy, Badminton, Carom, Cryptography, ET, F1, Football, FOSS, Hiking, Jogging, Linux, Music, Numismatics, Quora, Sitcoms, Traveling, Video Games.