

Karthik Jain

Senior Software Engineer

Enthusiastic professional with over 8 years of experience in the industry. Offering expertise in C/C++ and Python. Effective at developing innovative programs and solving problems with existing systems. Fluent in English and accustomed to working with cross-cultural, global teams.

Work History

2020-01 - Senior Software Engineer

2020-10

Walmart, Bentonville, AR, USA

- Analyze and document legacy POS Terminal written in CBASIC and C/C++.
- Involved in designing Kafka streams to replace the legacy transactional data.
- Collaborated with multiple component owners for creating new workflows.

2018-05 - Senior Software Engineer

2019-09

Qualcomm, San Diego, CA, USA

- Redesigned desktop application into web app using MySQL, AngularJS, and Java.
- Involved in developing and testing Qualcomm License Management Web Portal and standalone Package manager for windows, Linux and MacOS.
- Fixed bugs and ported multiple C++ libraries from Windows to Linux and MacOS.

2017-09 - Software Engineer

2018-04

Qualcomm, San Diego, CA, USA

- Worked on C libraries for used for audio processing, voice activation and recognition.
- Redesigned multiple C libraries to follow Unified API standards.
- Compiled and debugged audio libraries on multiple vendor devices.
- Designed Python based framework for emulating hardware environment to perform sanity and integration test.

Contact

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LinkedIn

[linkedin.com/in/karthikjain](https://www.linkedin.com/in/karthikjain)

Personal Website

www.karthikjain.com

Skills

C/C++ proficiency

Python and Bash proficiency

Linux Kernel Development

Object Oriented Design

Data Structures and Algorithms

Mentoring and training

Software

Vi, CodeLite, Visual Studio, Eclipse, IBM Rational Software Architect

Git, SVN, IBM ClearCase

Docker, VirtualBox, KVM

Jira, IBM ClearQuest

2016-09 -
2017-05

Software Developer Intern

LeadFerret Inc, Woodland Hills, CA, USA

- Worked using Python and Django Framework.
- Enhanced scripts to scraping data from multiple public websites.
- Created Django based API to verify data in real-time using.
- Wrote script to perform data consistency checks and proxies tests.
- Managed multiple database servers, NAS servers and network devices.

2012-03 -
2015-05

Software Engineer

Tech Mahindra Ltd, Bengaluru, IND

- Developed and Maintained C++ & Qt based embedded solution for Unified Communication project called BT ITS Netrix.
- Participated in architecture, design, and implementation of back-end features.
- Collaborated on stages of system development lifecycle from requirement gathering to production release.
- Participated in design and planning exercises for future software rollout.
- Collaborated with clients to define solution requirements.
- Managed code integration tasks for release branch using Rational ClearCase.
- Created technical workflows to promote education and mentored newly hired employees.

2011-11 -
2012-02

Web Developer Intern

DocPulse, Bengaluru, IND

- Developed user interfaces in Java using Google App Engine.
- Collaborated closely with developers on creating new code.
- Worked on improving existing website to be mobile-friendly.
- Maintained client websites with prompt updates.

Education

2015-08 -
2017-05

Master of Science: Computer Science

California Lutheran University - Thousand Oaks, CA, USA

2007-08 -
2011-07

Bachelor of Engineering: Computer Science & Engineering

Visvesvaraya Technological University - Bengaluru, IND