LOTHAR R. KRAUSE

(347) 867-8603
https://lothisoft.com   lothisoft@yahoo.com

SUMMARY

Proven software developer in web development with excellent software engineering, programming, team leadership and mentoring skills. Over 20 years of hands-on software application development, large scale global application software, hardware and networking architecture experience including five years experience in the digital publishing industry.

CAREER HIGHLIGHTS

- Started BlockFi's re-usable React component library as well as automated front-end unit testing practice

- Started Remedy Partner's React.js practice, leading the way to enable all frontend single page web applications to be converted from Angular.js to React.js using Redux and Redux-Form.

- Newsroom Developer in the editorial department of TIME.com. Architected and built bespoke interactive web experiences for TIME.com including the highest revenue-generating project in 2015 "A Year In Space" – interactive home of a multi-episode documentary chronicling Scott Kelly's yearlong mission aboard the International Space Station.

- Initiated and lead a unique collaboration between TIME.com and Avans University of Applied Sciences in Breda, Netherlands. Supervised teams of Dutch professors and students to design and implement projects leading to increased technology capabilities at no cost to TIME.

- Served as Global Technology Architect in Citigroup's and Goldman Sachs' Investment Research departments. Duties included global application portfolio management, formulating design and coding standards, implementing and conducting design and code reviews processes, devised short, medium and long- term software, hardware and networking strategies for global initiatives.

- Co-Founded and served as Chief Technology Officer and Lead Architect of Jovus, Inc., a software development company specializing in delivering technology solutions to Equity Research departments for global financial services companies.

TECHNICAL SKILLS

Programming :   HTML5, CSS, JavaScript, ES7, JSON, , React, Redux, React-Router, Redux-form, webpack, Angular, jQuery, browserify.js, node.js, npm, Object oriented design and programming, WordPress, SOAP/WSDL/WebServices, SQL
Platforms: node.js, AWS, Adobe ACM (CQ5)
Databases: mongodb, MS SQL Server, Sybase, MySQL,
Certification: Sun Certified Programmer for the Java 2 Platform 1.4 (Score: 90%)

MANAGEMENT SKILLS

- Expert in delivering innovative front end interactive web pages
- Depth and breadth in financial services industry best practices
- Technical leadership in large scale and global software application development
- Strong strategy setting, team leadership and morale building skills
- Excellent track record in delivering quality applications on time and within budget with a very high degree of quality
- Strong sales skills including developing and delivering targeted client presentations and proposals
- Excellent written and oral communication skills, Bilingual English and German

PROFESSIONAL EXPERIENCE

BLOCKFI, NEW YORK, NY   2019-2020
Senior Engineer
- Led the development effort for a reusable component library as the foundation for new React application development
- Initiated unit-testing practice for new component development with a 98.5% test coverage

SCENTRONIX, BREDA, THE NETHERLANDS   2018 – 2019
Software Architect (Consultant)
- Supervising software development team's implementation efforts, advising on SDLC methodologies and best practices including overall architecture

REMEDY PARTNERS, NEW YORK, NY   2016-2018
Senior Frontend Developer
- Implemented administrative single page applications for Remedy's health care applications using React.js, Redux, React-Router and Redux-Forms.
- Member of Remedy's Architecture Round Table working on improving Remedy's overall systems architecture and security practices.

TIME.COM – TIME INC., NEW YORK, NY   2014-2015
Newsroom Developer
- Architected and implemented interactive web experiences for TIME.com and Money.com editorial department as the sole developer on projects with a 100% on-time delivery record including TIME.com's highest revenue generating page "A Year In Space." See portfolio on **https://lothisoft.com**
- Successfully initiated, lead and expanded a unique collaboration between TIME and Avans University of Applied Sciences, Breda Netherlands. Supervised teams of Dutch professors and students to architect, design and develop web experiences for TIME.com. The collaboration allowed projects to be implemented, which wouldn't have been able to be built, based on TIME staffing levels and directly lead to additional revenue opportunities.

NEWSWEEK – THE DAILY BEAST, INC., NEW YORK, NY   2010 - 2014
Web Developer
- Implemented web site components using Adobe Software's CMS CQ5 for The Daily Beast, Newsweek, Women in the World websites using Java (OSGI), JSP, HTML5 CSS, Javascript, jQuery.
- Special focus on implementing web analytics using Abobe SiteCatalyst, Google Analytics, comScore, Nielsen.

GOLDMAN SACHS, NEW YORK, NY   2008 - 2009
Global Architect – Global Investment Research/Vice President
- Set software application design standards and coding standards for global Java development team, implemented design and code reviews processes for all application development projects, supervised transition from proprietary DB access to Java Hibernate.
- Managed global second level technical support team, ensuring 24/7 availability of support resources and 24/7 uptime of all global equity research systems.

CITIGROUP, NEW YORK, NY   2005 - 2008
Senior Architect – Citigroup Investment Research/Vice President
In charge of Citigroup Investment Research application portfolio management, technology strategy alignment with Global Investment Research business strategy including application roadmap and target state architecture.
- Evaluated Citigroup Investment Research application portfolio for business strategy alignment,

retirement of obsolete legacy applications in 2007 which led to an ongoing, actualized annual savings of $300,000 in hardware and maintenance expenses.

- Created and maintained application road map outlining transition to target state architecture over 24 month period leveraging Citigroup's Global Wealth Management (GWM) sector-wide shared services.

- Communicated difficult technical concepts to line of business stakeholders by giving presentation and writing white papers.

- Member of the GWM Sector architecture group, participated in sector-wide architecture reviews and planning.

- Participated in annual budget setting process to allocate resources for Citigroup Investment Research architecture initiatives. Executed sector-wide architecture initiatives at Citigroup Investment Research.

- Reviewed, identified, evaluated and conducted proof-of-concepts for third party applications, championed applications to be included in Citigroup's approved for purchase software list.

- Profiled global multi-tier applications with global network architecture review for performance bottlenecks in satellite offices

- Devised a new server hardware strategy for Citigroup Investment Research with a projected overall savings of 30% in annual application hardware expenses

JOVUS, INC., NEW YORK, NY   2000 - 2005
Chief Technology Officer and Founder
Responsible for all technical aspects of client and internal projects including delineation of development standards and deliverables. Planned, purchased, installed, maintained hardware/software and internal computer network for Jovus. Supervision of technical staff including recruitment of software developers. Developed and presented written proposals to prospective clients which resulted in client engagements.

Equity Research Pro – Lead Developer (October 2002 – 2005):

- Responsible for maintaining and extending Jovus' Equity Research Pro application development. Responsibilities include implementation of new features, improving existing features and installing Equity Research Pro for clients. Technologies used include Java Swing, SOAP, servlet development, Oracle and MS-SQL Server database access, customizing MS Word using VBA

- Conceptualized and developed brand new product line based on creating customized NASD Rule 2711 stock price

Lead Consultant for major clients as follows:

Smith Barney Equity Research (now Citigroup Investment Research)- Consultant (2001 – 2003)
- Lead consultant for the Global Equity Research Database project, a Java application server-based software connecting Excel spreadsheets to an object-oriented database for equity research data.
- Designed and implemented Java web services for SOAP and WSDL interface.
- Conceptualized a framework integrating the Global Database into existing internal equity research applications world-wide across multiple platforms.
- Created design specifications and conducted project and design reviews with Senior Management.

Deutsche Bank Equity Research – Consultant (2000 – 2001)
- Led team of consultants to implement a new generation Global Equity Research Database.
- Conceptualized, designed and implemented a prototype to integrate Excel spreadsheet client applications to J2EE Weblogic application server over a six week period.

EDUCATION
Beuth University of Applied Sciences (formerly TFH Berlin), Berlin, Germany   1994
    Engineering Degree in Computer Sciences - Diplom-Informatiker (FH)
Gabriele-von-Bülow-Gymnasium, Berlin, Germany   1985
    Abitur Degree