



CHRISTOPHER DECKERS

S^R SOFTWARE ENGINEER
TECHNICAL TEAM LEADER

SKILLS

Software architecture
Full-stack development
Solving complex problems
Innovate and propose solutions
Responsible, autonomous
Banking and finance

Java / Maven / Spring Boot
SQL / Postgres / SQL Server
Javascript / Node.js / Html / Css
TypeScript / Angular
Web Services / Cloud / Docker
Agile/Scrum methodologies
Git / SVN / JIRA

LANGUAGES

French: Native speaker
English: Advanced (level C1)
Spanish: Notions

Nationalities: French, British

EDUCATION

HELSINKI UNIV. OF TECHNOLOGY
ERASMUS + 1 year
2000-2002, Finland

EFREI
M.Sc. Computer Science
1996-2001, Paris, France

French Scientific Baccalauréat
1996

PROFILE

Experienced computer science engineer, I am looking for a new opportunity. Organized, reliable, and attentive, I can guide a team through technical choices and solve complex problems.

I have a good knowledge of the banking and finance industry, cash and derivative instruments, statistics and analyses, and regulatory processes. Do not hesitate to contact me should your teams and projects benefit from our collaboration.

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WORK EXPERIENCE

S^R SOFTWARE ENGINEER, TECHNICAL TEAM LEADER

FinLab Solutions – Genève (CH) Apr. 2008 – Apr. 2018 / Sep. 2019 – Now

PackHedge™ – Financial solution of portfolio management (transactions, valuation, allocations, accounting, documents), research, simulation, analysis et statistic computing, user and feeder data aggregation, and reporting.

- Main developer, Full Stack, architect et technical team leader.
- Owner of 2/3 of the code (3M LOC, 170+ third-party libraries), assist development, testing and support teams.
- Set up an infrastructure for tests and continuous development, rewrite of many layers to increase productivity.

 Java, JavaScript, TypeScript, HTML, REST, Eclipse, VS Code, SVN, Git, Postgres, SQLServer, Spring Boot, JPA, Swing, Jasper, Angular, Docker.

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Lombard Odier – consultant – Genève (CH) May 2018 – Aug 2019

Reporting Factory – platform to produce and publish regulatory reports (EMIR, MiFIR, FinfraG, MAS, securities journal, etc.).

- Supervisor of the development team.
- I improved the development, test, deployment, integration and troubleshooting processes. I also created several supporting tools.
- Increased productivity in developing new functionalities.

 Java, Maven, JBoss, Tomcat, Oracle, Angular, Jasper, FixML, FpML.

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DePfa Bank – consultant – Francfort (DE) Feb. 2007 – Apr. 2008

Platform to schedule, aggregate and share the bank's reports.

- I joined to improve user experience, perform a technical analysis, and refocus the project.
- Proposed and implemented a new application.

 Java, Eclipse, Axis, JPA, Hibernate, MySQL, Tomcat, Photoshop, SVN.

Basel 2 regulatory engine – calculations of capital requirement for credit risk.

- Main architect and designer.
- Worked with business analysts to refine the specifications and interpret the Basel 2 CRD.
- Control coverage of the various instruments (cash and derivative).

 Java, Eclipse, IntelliJ IDEA, Swing, Sybase, Photoshop, CVS, SVN.

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OPEN SOURCE

PERSONAL PROJECTS

The DJ Project (160K+ downl.)

Native component library for Java Swing applications: web browser, Flash player, multimedia player, HTML editor.

RRDiagram

Railroad diagrams in SVG. Used by some big companies.

SWTSwing

Implementation of SWT in Swing. Presented in articles (Eclipse Magazin) and conferences (EclipseCon 2007).

SUPPORT TO COMPANIES

Oracle, Mozilla, Apple, Eclipse, IBM, TUI, Deutsche Bank, Retraites Populaires de Lausanne, T-Online, Cisco, Verizon, Texas Instruments, Alcatel-Lucent, Servoy, Pearson, Emirates, SAS Institute, Consulting companies (ex. Wipro), Universities (ex. University of California)

OTHER CONTRIBUTIONS

Postgres JDBC driver
Microsoft JDBC driver
H2 Database
Oracle JDK
Mac JRE
Eclipse/SWT
FlatLaf
JOOQ

S^R SOFTWARE ENGINEER, TECHNICAL EXPERT

Thomson Reuters – consultant – Genève (CH) Sep. 2004 – Oct. 2006

Reuters Wealth Manager – Web application presenting financial content in real time.

- Restructured the project, migrated to SVN, created several tools.
- Development of a library to access the different data services: quotes and news headlines, news stories, instruments information, charting.
- Development of new components: portfolios with formulas, Heat Map, quote and news tickers, advanced technical analysis.

☑ Java, SOA, Microservices, Eclipse, AWT, HTTPS, TCP, I18N, Photoshop, CVS, SVN, JNI.

RESEARCH PROJECT MANAGER

France Telecom R&D – consultant – Caen (FR) June 2004 – Sep. 2004

Study of digital wallets, as a solution for mobile payments.

- Interactions with Orange R&I, sponsor of the study, and France Telecom R&D, for research and analysis.
- Recommendation of solutions (feasibility, business model, market opportunities, strategy) within the constraints of financial regulations.

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Nokia Networks – Helsinki (FI) Dec. 2000 – June 2004

NetAct 4 BroadBand – configuration of network elements.

- Multicultural team (25 people). One of the 4 specialists in charge of moving the project from United-States to Finland, competence transfer, and the analysis of the architecture.
- Technical expert during the recruiting interviews. Team leader of two out of six teams and “floating” developer for all teams.
- Key communication role with the network equipment teams and documentation team.

☑ Java, Swing, WebStart, Oracle, WebLogic, CORBA, TCP, SNMP, MIB, I18N, Photoshop, SourceSafe.

D500 Web Craft - application to manage DSL Access Multiplexers.

- Technical expert: architecture, development environment, integration, and deployment.
- I was taking care of the data model, client/server protocols, user interface, and critical areas.
- Main contact with the hardware teams, documentation, testing and acceptance teams.
- Creation of a graphical SNMP/MIB simulator to solve slow hardware upgrades and help us develop much faster.

☑ Java, Swing, WebStart, JBuilder, TCP, SNMP, MIB, Photoshop, SourceSafe, VxWorks.

SOFTWARE DEVELOPPER

Alris Interactive – internship – Paris (FR) May 2000 – July 2000

Creation of an intranet to manage clients, employees, and projects. Originally for internal needs, productized for own clients.

☑ HTML, JavaScript, ASP/IIS, Access

SOFTWARE DEVELOPPER

SepEfrei – Paris (FR) 1998 – 2000

Junior enterprise of EFREI. Various projects, among others an application in C to manage a database for the Paris Hospitals.