

Coming over to Germany to do an Internship?

Intergral Information Solutions GmbH

David Tattersall – CEO

Darren Pywell - CTO

David Thacker – Sales & Marketing / Recruiting



The Internship, Actually it's a Software Apprenticeship for talented university Graduates and Undergraduates.

- You will get more responsibilities than at any other Internship and learn real industry relevant skills using bleeding edge technology.
- While at Intergral YOU are an actual member of the Development team, you have **real jobs, real responsibilities** and most importantly **real industry experience** working on a **real product**.
- The Code you create will be used in production.
- You will **not** be making the **Tea** unless its for your self 😊 we have an unlimited supply of tea shipped from the UK.
- The above may sound a little scary but looks amazing on your CV and will put you on track to finish at the top of the year. Over 90% of Intergral Graduates go on to complete their degree with a first class honours.



Working @ Intergral

- Work Environment
 - Dynamic – interesting - stressful - deadlines
 - Part of a team – but you have responsibility !
 - 40 hour working week + 24 days vacation year
 - Working language in the office is English!
- Location
 - New office complex – shared with HP, Daimler
 - Boeblingen SW Germany - Stuttgart -
Bordering - Austria, Switzerland, France
- Where will you live?
 - Self contained flat in Herrenberg – 400 € month
 - 10 minute train journey from office
- Salary –
 - €1,100 Month (NET) – Jul – Dec
 - €1,200 Month (NET) – Jan – Aug



We expect that...

You apply yourself

You take responsibility

You learn

You enjoy yourselves

YOU DELIVER



The Job Positions - CORE PRODUCT DEVELOPERS (JAVA)

Candidates should have;

- Excellent knowledge and experience with OO Design and programming
- Good knowledge and experience with the following technologies is desirable but not essential: JMX, BigData, MongoDB, ANT, XML, JSON, Jenkins (Hudson), Nexus, install4j, Groovy, Grails, Gradle, SVN
- A passion learn and the drive to better themselves and the team.

**** Nobody will have all the above requirements but if you are willing to learn you will be an expert by the time you leave.**



The Job Positions - WEB FRONTEND DESIGNER/DEVELOPER

Candidates should have;

- Strong UI/Web Design Skills
- Strong Javascript/jQuery
- Strong HTML/CSS
- Knowledge of PHP
- Bootstrap
- AngularJS preferred
- MongoDB preferred
- Understanding of MVC frameworks
- Understanding of testing Web applications

**** Nobody will have all the above requirements but if you are willing to learn you will be an expert by the time you leave.**



The Product - What is FusionReactor?



FusionReactor is the only Java Application Performance Monitor specifically designed to make a Developers life better.

We go beyond "just monitoring", to actively minimize server downtime and accelerate time to fix, like no other monitoring tool on the market. Cut to the chase and get to the root of your Java production application problems in no time. More than 4500 companies rely on FusionReactor –

- Find out more www.fusion-reactor.com or read our reviews here <http://www.fusion-reactor.com/customer-reviews/>



Overview of Intergral GmbH



challenging + leading-edge + fun =



- Intergral GmbH founded in 1998
- Privately and jointly owned by
 - David Tattersall (CEO)
 - Darren Pywell (CTO)
- Headquarters located close to Stuttgart, Germany
- 21 Employees + external contractors (for consulting / development)
 - 13 Development, 5 Sales / Marketing, 1 Support, 2 Admin
- Other offices in UK (Intergral Ltd. - 2008), USA (Intergral Inc. – 2011)
- Focus – FusionReactor: Application Performance Monitoring Software
- Global customer base – 4500+ customers >80% in the US
- Partnerships



Solution
PARTNER



carahsoft

4500+ Customers - most industries / segments

Fortune 500

Allianz
 AT&T
 Boeing
 Caterpillar Inc
 Cisco Systems
 CVS
 Disney
 Fairchild Semiconductor
 Federal Express
 Goldman Sachs
 Hasbro
 Intel
 Kroger
 Lockheed Martin
 PHH
 Raytheon
 Sanofi-Aventis
 Siemens
 Sky
 UPS
 Verizon

Education

Bethlehem Central School District
 Cornell University
 Hogeschool Gent
 IMD Institute
 Mississippi State University
 Ohio University
 Sacramento County Office of Education
 Stanford
 USC
 Valencia Community College

Government

Agência Nacional de Energia Elétrica
 City of Austin
 Department of Homeland Security
 European Commission
 Federal Reserve Bank New York
 Fife Council
 New York State Dept. of Motor Vehicles
 Social Security Administration
 State Bar of Arizona
 United States Senate

Finance

Ariba Inc
 Bank of Canada
 Barclays Global Investors
 ClearCheck, Inc.
 Digital Method Ltd
 FBL Financial
 Genworth Financial
 M&I Bank
 Synovus Financial Corp
 Wells Fargo Bank

Hosters

Centric Web, Inc.
 CrystalTech
 EarthHost
 Edge Web Hosting
 EPost, Inc.
 Firstserv Ltd
 FusionLink
 Pacific Online Inc.
 Paladin Computers
 SurfNet Corporation

Web Design

Apply Media Inc.
 Clocktower Media
 Coast Digital Ltd
 DesignUK
 Enigma Interactive
 Evolution 7
 Firechaser Ltd
 Flint Media
 Side by Side GmbH
 UofA Creative Services

Web Solutions

Akitogo OHG
 Anitron
 CitySoft, Inc.
 Dealerskins
 E-dreamz
 Empire Group, Inc.
 Envisionsoft Inc.
 Gefused, Inc.
 PaperThin, Inc.
 Seattle Web Group, Inc.

Tourism

Fellowship Travel
 Hostelbookers Ltd
 INTER CHALET
 Scotland Online Ltd
 Sonesta Hotels
 Starwood Hotels and Resorts
 Switzerland Tourism
 Tourism Queensland.
 Travelmarket
 Unique Vacations Inc



What's in store for 2016....?

- FusionReactor 6
 - Expand the existing CF market / up-sell / cross-sell
 - Work on integration into the new J2EE market
- FusionReactor CLOUD release
 - SaaS (Software as a Service)
- Marketing Efforts
 - Working with external bloggers / writers to promote FR6 in the J2EE market
 - Working with Gartner on direction
 - Much more social marketing, Google integration, Feefo



Time to apply

How to apply:

Apply Online: <http://www.intergral.com/careers/placements/>

Or

Send your CV, Cover Letter and the job position you want to apply for to : People@Intergral.com

Got any Questions – Send to; David Thacker - People@Intergral.com



FAQ

Q. Sounds like a lot of work will I have any free time?

A. Of course we are less than 2 hours from France, Austria, Switzerland. Many of the team go snowboarding a few times a year. There are also many Universities nearby too so there is also a thriving student nightlife and many clubs and societies you can attend.

Q. Do I have to find accommodation?

A. No We provide you with Accommodation it is 400 Euro per month

Q. What is included in my rent?

A. All utilities; electric, water, gas etc except internet which It is an extra 20 Euro per month

Q. What is the Weather like?

A. In the summer it is hotter than England, In the winter it actually snows most years.

Q. Is the apartment furnished?

A. Yes fully furnished, just bring yourself.





The Train Station to Work

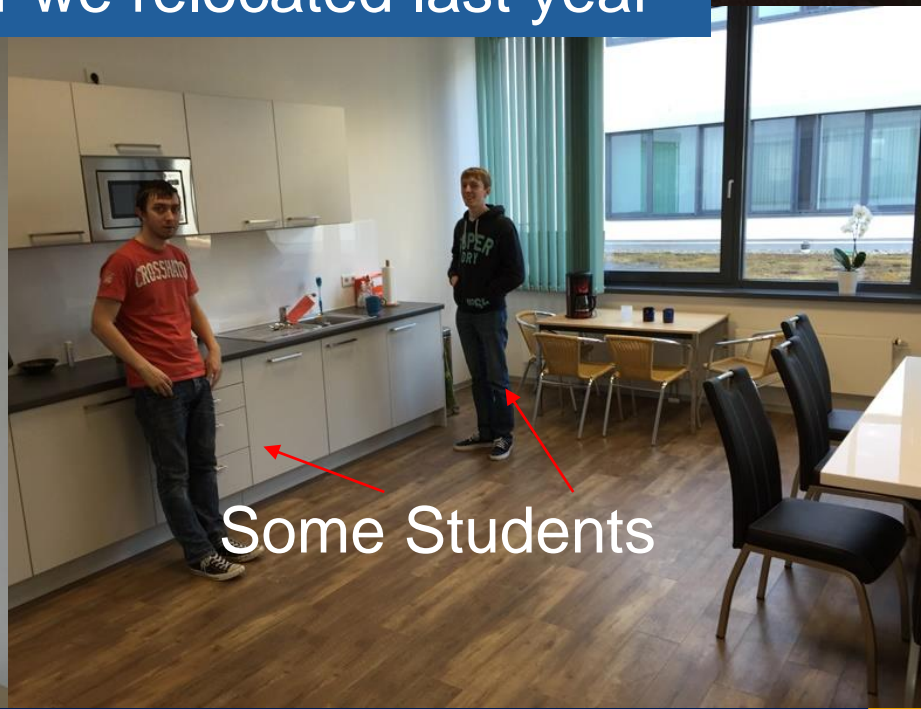
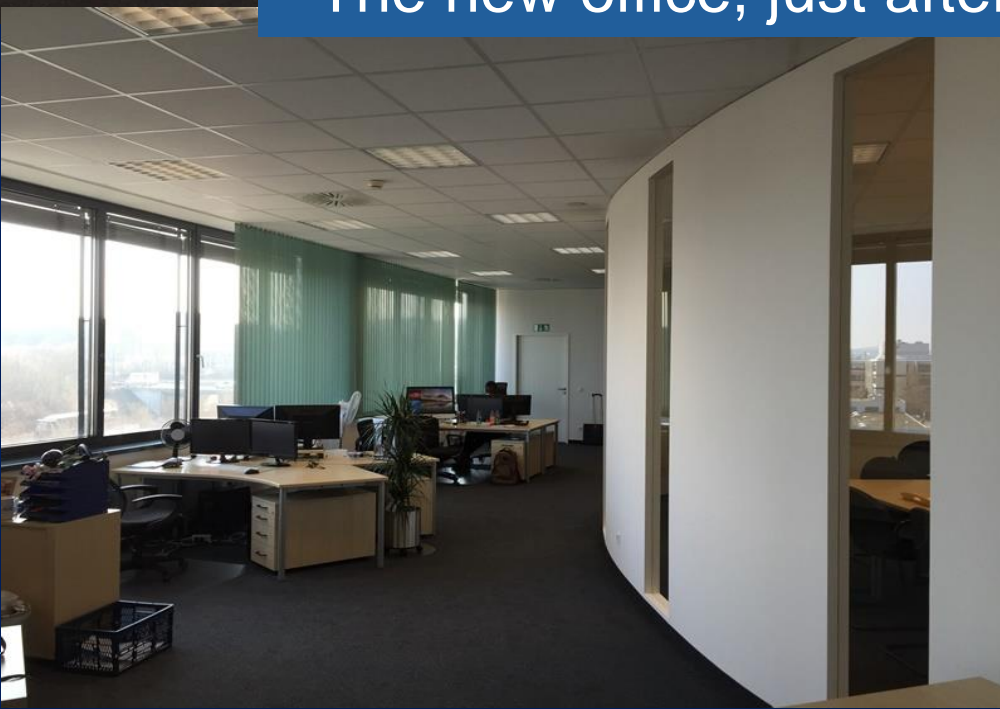


Your Accommodation
(Sorry for the mess, students...)





The new office, just after we relocated last year



Some Students

FusionReactor SaaS



Online

Clusters

Offline

Untracked

Favorites

+ Add a Cluster

- Collapse all Panels



cfsrv-1 Online
Int0046

Server Metrics

Web Req JDBC Req

Web Time JDBC Time

Memory CPU

View Run [Refresh] [Star] [Share] [Alert]

cfsrv-2 Online
Int0046

Server Metrics

Web Req JDBC Req

Web Time JDBC Time

Memory CPU

View Run [Refresh] [Star] [Share] [Alert]

perm-test-1-Instance1 Online
perm-test-1.c.scenic-scholar-588.Internal 10.240.79.0

Web - Total Requests		JDBC - Total Requests		Heap Memory	
6.77 RPS	7.04 RPS	6.21 RPS	6.36 RPS	225.46MB	233.39MB
Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)
Web - Avg Response Time		JDBC - Avg Response Time		Instance CPU	
15.84ms	36.81ms	1.56ms	0ms	49.42%	48.87%
Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)

perm-test-1-Instance2 Online
perm-test-1.c.scenic-scholar-588.Internal 10.240.79.0

Web - Total Requests		JDBC - Total Requests		Heap Memory	
5.80 RPS	5.83 RPS	5.35 RPS	5.66 RPS	191.18MB	199.26MB
Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)
Web - Avg Response Time		JDBC - Avg Response Time		Instance CPU	
14.39ms	14.89ms	1.34ms	7.78ms	48.88%	48.52%
Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)	Hourly (Avg)	Minute (Avg)

Server Statistics

Overview Daily Report Server Details

Uptime	Downtime	Outages
15 hours	30 mins	1
Web Requests	Avg Web Response	Avg JDBC Response
11254	125ms	451ms
HTTP 500s	Average Memory	Average CPU
35	180MB	25%

View Run Live [Settings] [Star] [Share] [Eye] [Alert]

- Garbage Collection
- Delete Temp Files
- Scheduled Maint.
- Add Custom Script...

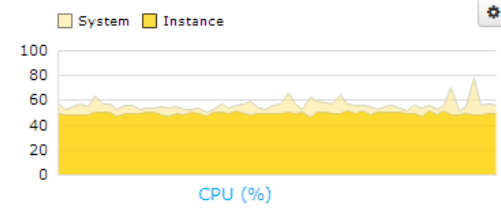
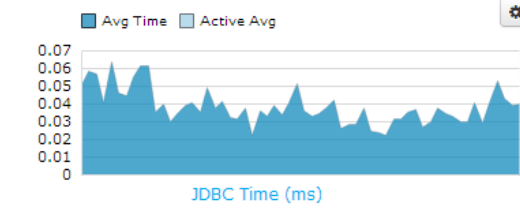
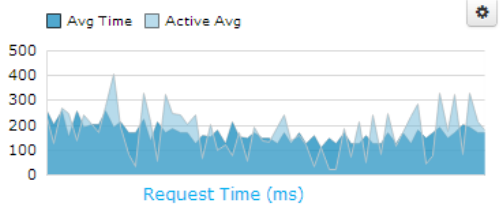
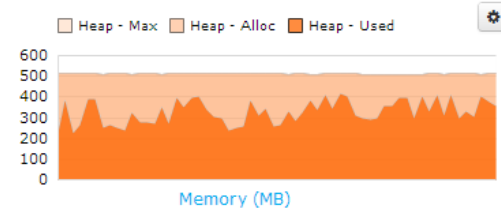
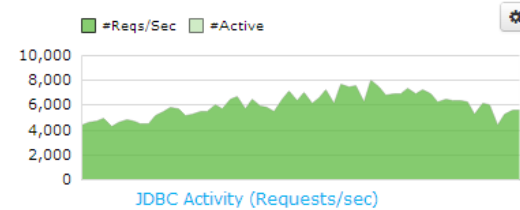
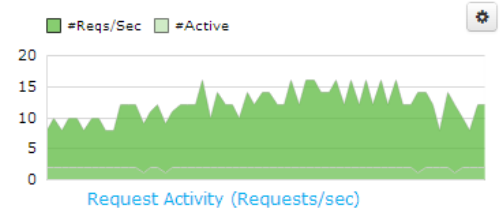
FusionReactor (Screen Shot)

Web Metrics

- Requests
- User
- Transactions
- Metrics
- Resources
- JDBC
- Protection
- Compression
- Content Filters
- Logging
- Counts

Web Metrics

Set Home Page 5 Seconds ↕



Last Minute Last Hour Garbage Collection

Overview

Server Started	14-Oct-13 06:44:03.084
Server Up-Time	45 Days, 10 Hours, 5 Minutes, 33 Seconds
Current Web Request Count	2
Queued Request Count (Due to Protection)	0
Total Web Request Count	329,290
Average Request Time (ms)	23,819.93
Used Memory (KB)	(58.07%) 303,865
Allocated Memory (KB)	523,264
Maximum Memory (KB)	523,264
Free Memory (KB)	219,399
Total JDBC Queries	164,629,300
Average JDBC Time (ms)	0

Counts

Recent

WebRequest	
Recent Slow Pages (within 60s)	0
Recent Performance Average (within 60s)	168.44 (ms)

JDBCRequest	
Recent Slow Pages (within 60s)	0
Recent Performance Average (within 60s)	0.03 (ms)

Protection (Page Aborts) - Recent (60seconds)/Total

Request Timeout Protections - Page Aborts	0/0
Request Quantity Protection - Page Aborts	0/0
Request Quantity Protection - Queue Timeouts	0/0
Memory Protection - Page Aborts	0/0
Memory Protection - Queue Timeouts	0/0

Return Code