

# JOB DESCRIPTION



Company: 2e Systems GmbH  
Web: <https://www.2e-systems.com/>  
Job title: Java developer - Middleware  
Type of Employment: Full-time Employment

## Java developer – Middleware - Frankfurt, Dublin, Zagreb or Melbourne

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Imagine what you could do here. At 2e Systems, creative ideas have a way of becoming wonderful products, services, and customer experiences very quickly. Bring passion and dedication to your job and there's no telling what you could accomplish. 2e Systems is seeking dynamic and talented graduates, mid-level or senior Java developers to join our global product development team.

2e Systems is a leading computer engineering and development company specializing in aviation software solutions, like online booking, check-in, mobile app and communication solutions for the travel industry; we develop and operate critical systems for our major airline clients worldwide, and our software development team is central to our success.

Our head office is in the Frankfurt/Main area, Germany, and we are looking for the right candidates to join our growing teams in our Frankfurt, Dublin, Zagreb or Melbourne offices.

### Job description

Our developers at all levels of experience participate in the full development life cycle from concept to deployment, using agile methodologies and the latest technologies. We are an engaged global team with a flexible approach, and there are plenty of opportunities to grow, learn, and to be recognized worldwide!

We develop quality software in a time-critical environment, so it is crucial that all team members work well with colleagues and communicate professionally with clients.

### Main tasks of the position

- Designing, developing, and maintaining complex, dynamic applications
- Analysis of business requirements
- Supporting the deployment of systems and diagnosis of problems

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- Estimation and prioritization of own work activities
- Interaction with clients globally
- Close collaboration with Project Managers and worldwide colleagues

## Position requirements

A good understanding of, and ideally experience with:

- Software development using modern languages and frameworks (ideally including Java)
- Programming concepts, data structures and object-orientation
- Relational database development using SQL (ideally with MySQL)
- General software development practices such as standards and commenting of code (ideally using IDEs such as Eclipse)

Some understanding of, and ideally experience with:

- UNIX (ideally Linux) as well as operating system and networking concepts
- Highly available, highly scalable, high volume transactional systems
- Working in small teams with end-to-end responsibility for delivery of complete systems
- Reading, understanding, and contributing to technical specifications
- Source control systems and branching models (ideally using Mercurial, or any modern system such as Git)

As well as:

- Enthusiasm, dedication, and a well-organized approach
- Strong problem-solving and debugging skills
- Good clean code that can be quickly grasped and maintained by other team members
- The ability to operate both in a team and independently
- Excellent spoken and written English; German or Croatian is a bonus
- Willingness to travel if and when necessary

## Beneficial skills

- Spring, Hibernate and Infinispan
- Creating and consuming APIs (e.g. Web Services / SOAP / REST / JSON)
- NoSQL databases and message queuing (ideally using JMS)
- Using build and deployment tools such as MAVEN
- Agile software development
- Test-driven development and continuous integration tools
- Systems and/or database administration (e.g. performance analysis and tuning)
- Load testing tools such as JMeter
- Experience with booking and payment systems (e.g. Amadeus, SITA, payment gateways)
- A qualification such as Bachelor's or Master's degree in computing or related discipline

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## What we offer

- Work in the interesting and dynamic airline industry
- We are strongly international and offer cooperation with colleagues and clients globally, including opportunities for international travel
- You will work with engaged and highly competent colleagues in independent teams with high levels of autonomy
- We have an informal and friendly environment with many exciting professional and technical challenges
- Fun office events and celebrations
- Free snacks, drinks, and coffee always available
- You will receive a competitive salary combined with good opportunities to develop professionally
- Further education and professional development are encouraged and supported
- Your work will have a direct and visible impact on our business and clients

## About 2e Systems

2e Systems was established in Germany in 2000. We now have offices in Croatia, Ireland, the UK, Romania, the US, and Australia. We use many of the latest open-source frameworks and technologies to build stable and high-quality products.

We provide airlines with internet and mobile solutions for booking flights, check-in, notifications, and crew management. Included in our list of clients are airlines such as Lufthansa, Austrian Airlines, LATAM Airlines, airBaltic, Croatia Airlines, and JetBlue.

We're a diverse collective of thinkers and doers, continually reimagining what's possible to help us all do what we love in new ways. Every new product we invent and improve, and every new service we create, is the result of people working together to make each other's ideas stronger. That happens here because every one of us strives toward a common goal - creating the best customer experiences.

## How to apply

If you would like to be part of our success, and are looking for a challenging job working with a team of experienced engineers, we welcome your application!

Please send your application to: [jobs@2e-systems.com](mailto:jobs@2e-systems.com)

And please pay attention to the following points:

- Your CV must be in English
- Please include a brief cover letter explaining why you are an excellent fit for the job and which locations you would like to be considered for
- If you apply for our Melbourne office, you must currently have the right to live and work in Australia

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If you require help/sponsorship to work in your preferred EU location, please state this clearly.

We hope you understand that we will not respond to applications which do not meet these minimum criteria.

## Address

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Koenigsteiner Strasse 87  
65812 Bad Soden am Taunus  
Germany  
<https://www.2e-systems.com/>