

# Damyan Kostadinov

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## Profile

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Ambitious and dedicated software engineer with excellent coding skills and the expertise to design, implement and test applications. My strong analytical skills and obsessive attention to detail enable me to be an effective problem-solver. Enthusiastic team player dedicated to constantly improving tools and infrastructure, maximize productivity, minimize system downtime and satisfy corporate strategic objectives.

## Work experience

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July 2021 – Now **Software Engineer, JPMorgan Chase & Co., London, UK**

- Designing and developing highly concurrent FX Payment system for Amazon.
- Developing systems that perform FX currency pricing using Java with Spring Boot.
- Extensively testing the applications due to the high financial risk associated with them.
- Managing large scale distributed Oracle database.

Sept 2019 – July 2021 **Software Engineer, JPMorgan Chase & Co., Bournemouth, UK**

- Improving the CI/CD for the company – transitioning to Spinnaker.
- Single-handedly integrating Spinnaker with Jenkins using Groovy.
- Reducing the installation time of Spinnaker by 80% using automation scripts in Python.
- Developing REST APIs using Java with Spring Boot.
- Extending and maintaining the UI for the team using JavaScript with React.
- DevOps and Support duties.

Nov. 2015 – July 2019 **Part-time Team member, Pizza Hut, Southampton, UK**

- Managing time effectively by combining a part-time job with studies.
- Offered a management position which I had to turn down due to study commitments.

Summer 2018 **Software Engineer Intern, JPMorgan Chase & Co., Bournemouth, UK**

- Developing a video-sharing platform using Java with Spring Boot, Kafka and JavaScript with React.
- Following SCRUM development methodology and improved knowledge of CI/CD.

Summer 2017 **Software Engineer Intern, Fidessa, Woking, UK**

- Worked on number of automation scripts using Tcl, Bash and AutoHotkey.

Summer 2016 **IT Intern, Regional Education Management, Varna, Bulgaria**

- Acquainted with Microsoft SQL server operation.

## Education

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2015–19 **University of Southampton, MEng Computer Science, First Class Honours**

**Modules include:**

- Algorithms, Cloud Application Development, Advanced Databases, Intelligent Agents, Cryptography, Intelligent Systems, Social Computing Techniques, Advanced Software Modelling and Design (UML, Event-b, ProB)

2010–15 **Mathematical High school "D-r Petar Beron", Varna (Bulgaria)**

- Intensive study of Computer science, Mathematics and Physics
- Achievements: Diploma za Sredno Obrazovanie, Grade – 5.91 out of 6.00

## Projects

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- Using AI to remove Moire patterns and Aliasing from Point Cloud Renders using Python.
- First place in a competition for building Recommender Systems.
- Building an Intelligent Agent – negotiation agent based on BRAM Agent using Java.
- Developing Online Advertising Dashboard using Java/JavaFX.
- Extending an image tagging software ([www.zooniverse.org](http://www.zooniverse.org)) to use gamification in order to increase engagement using Java/JavaFX.

## Skills

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**Certificates:**

- Oracle Certified Professional: Java SE 11 Developer (Certified Java 11 Developer)
- Spring Professional Certification: VMware Spring Professional 2021
- Certified Kubernetes Application Developer (CKAD certificate)

**Technical skills:**

- Proficient in Java, Spring, Kubernetes – certified Java/Spring/Kubernetes developer
- Good working knowledge of JavaScript, Python, Groovy, SQL
- Prior experience of C++, C#, Scheme
- Good understanding and knowledge of Algorithms, Data Structures, Non-Relational and Relational Databases
- Excellent auxiliary development process skillset (GIT, Maven, Jira, Agile etc.)

## Interests

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**Finance:**

- Strong interest in the financial markets. Researching and investing in my free time.

**Sports:**

- Participating in Salsa dancing programmes and competitions since 2011.