

VISAR PLLANA

Business Informatics



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Hello, my name is Visar Pllana, I am 24 years old and I am a master graduate in Business Informatics (M.Sc.) with a focus on Data & Analytics. My constant desire for knowledge and my ability to learn and use new technologies efficiently have contributed to my recent work. Most recently, I worked as a software engineer at Mercedes-Benz AG on the implementation of a prototypical knowledge graph. The development of the software product proved its usability in the context of master data management in production. In addition to the implementation of my practice-oriented master thesis, I also supported the research group "Digitalization & Management" at the ESB Business School as a research associate. I would like to use my skills and eagerness for knowledge to shape digital change and contribute to the success of the company.

EDUCATION

10/2018 - 08/2020

UNIVERSITY OF APPLIED SCIENCES REUTLINGEN

Business Informatics (M.Sc.) | Reutlingen | Ø 1,4

Main focus: Data & Analytics

09/2014 - 07/2018

UNIVERSITY OF APPLIED SCIENCES ESSLINGEN

Business Informatics (B.Eng.) | Esslingen | Ø 2,2

09/2012 - 07/2014

VOCATIONAL COLLEGE STUTTGART SOUTH

High School Diploma (FHR) | Stuttgart | Ø 2,9

Main focus: Business Informatics

INTERNATIONAL EXPERIENCE

06/2016 - 12/2016

LAWRENCE TECHNOLOGICAL UNIVERSITY

Semester abroad | Michigan, Detroit

WORK EXPERIENCE

11/2019 - 07/2020

RESEARCH ASSOCIATE

Reutlingen Research Institute (RRI) | Reutlingen, Germany

As a research associate within the ANIMATE project, which stands for the application of artificial intelligence in mid-sized companies, I was responsible for data preprocessing, the development of an ABC-XYZ analysis, and the implementation of AI-based forecast models with Python.

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11/2019 - 08/2020

SOFTWARE ENGINEER (MASTER THESIS) IN THE AREA OF INDUSTRY 4.0

Mercedes-Benz AG | Mettingen, Germany

To prove the usability of master data management I developed a prototypical knowledge graph. It is composed of an end-2-end product starting at the connection and storage of production relevant data within a graph database (NoSQL) and ending with the presentation of the data using a web application. In addition to that I broke down and documented the software requirements by developing user stories.

05/2019 - 10/2019

WORKING STUDENT IN THE AREA OF AUTONOMOUS DRIVING

Mercedes-Benz AG | Stuttgart-Vaihingen, Germany

For the Athena-project, I developed a monitoring environment that uses availability and performance metrics to track site-specific big-data clusters. I was responsible for the software development as well as the documentation of the customer-specific requirements using Jira and Confluence.

11/2018 - 04/2019

WORKING STUDENT IN THE AREA OF IT

Bosch-Sensortec GmbH | Reutlingen, Germany

During my time as a working student at Bosch-Sensortec GmbH, I was responsible for various IT support requests. In addition to that I maintained the internal knowledge base.

03/2018 - 09/2018

BI ENGINEER (BACHELOR THESIS) IN THE AREA OF INDUSTRIAL ENGINEERING

Audi AG | Neckarsulm, Germany

The practice-oriented bachelor thesis offered a deep insight into the entire process of the Business Intelligence methodology. Starting with the ETL process in KNIME I was able to realize the data integration. From there I developed a user-friendly application in APEX, which is a frontend tool developed by Oracle. This gave me a chance to improve my visualization skills.

09/2017 - 02/2018

STUDENT APPRENTICE IN THE AREA OF BUSINESS INTELLIGENCE

Robert-Bosch GmbH | Stuttgart-Feuerbach, Germany

In addition to the tasks of my previous working student days, I supported a pilot project by creating a tutorial for the statistical programming language R and Shiny, a visualization package. Furthermore, I was responsible for the implementation of various forecasting models to demonstrate the benefits of the language.

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03/2017 - 08/2017

WORKING STUDENT IN THE AREA OF BUSINESS INTELLIGENCE

Robert-Bosch GmbH | Stuttgart-Feuerbach, Germany

The Business Intelligence & Data Analytics department of Robert-Bosch-GmbH is responsible for technical consulting for various BI projects inside the company. I was involved in the area of communication management and acted as the central contact person for the maintenance of the content management system (Confluence).

AWARD

10/2018 - 07/2019

T-SYSTEMS INNOVATION AWARD

Best Master Project | Business Informatics

My study consisted of a group project, which involved a real-time data analysis and the utilization of artificial intelligence. In a team of three people, we created several IoT devices to track rooms and 3D printers with various metrics. The sensor data was used to train an artificial neural network that predicted the optimal printing time of the 3D printers. The result was a 40% more accurate prediction of print time compared to that of the manufacturer. In the project, I was responsible for the creation of the compressed PCB layouts, the development of the neural network, and the visualization of the metrics. In addition to that I managed the project itself. We were honored with the T-Systems Innovation Award for the best master project in the Business Informatics degree program.

03/2018 - 09/2018

ROBERT-BOSCH AWARD

Best Research Poster | Business Informatics

During the last phase of my Business Informatics degree I was honored with the award of the Robert-Bosch GmbH for the best research poster. The research posters were a representation of the various bachelor theses on which the respective students had worked on during the semester.

Skills

German	<div></div>
Albanian	<div></div>
English	<div></div>

 JavaScript	 HTML, CSS	 Python	 R
 Cypher	 PL/SQL	 Confluence	 CI/CD

Technology Experience

 Neo4j	 Oracle	 MySQL	 Git	 Node.js	 KNIME	 Spyder	 APEX	 Grafana
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Interests

 Football	 Travel	 Web Design	 Music
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