



## PAVAN KUMAR SHESHANARAYANA

**DATE OF BIRTH:**  
27/03/1994

### CONTACT

Nationality: Indian

Gender: Male



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### WORK EXPERIENCE

**16/12/2019 - CURRENT** – Paderborn, Germany

#### Developer

myview systems

- Successfully restructured the entire Frontend codebase providing it with various cosmetic and visual updates and added several extensions such as localization, product profile and User management system.
- As part of the Backend development of the xom team, successfully integrated cloudconverter to the xom API for Image conversion.
- Currently involved in the simultaneous development of the frontend application to the extensive xom API and maintenance of the API itself.

**01/10/2018 - 25/01/2019** – Bengaluru, India

#### Senior Software Engineer

Happiest Minds

- Worked in the development of a solution where a student based in US is guided to his four-year plans based on his interests, weak and strengths (Some link-based Analytical algorithms were employed, an ongoing POC at the time of departing with the company).
- Worked in developing few rich Key Performance Indicators (KPIs) to a university based on a '**Student life cycle**' from the Cassandra Datalake.
- Dashboard to the UI Microservice with widgets comprising of various visualizations and statistics from various backend KPIs were brought up as a part of analytical showcase.
- Authentication and Authorization of The Metadata Microservice of the entire application with Basic Authentication using Spring's Security.

### EDUCATION AND TRAINING

**01/04/2019 - CURRENT** – Paderborn, Germany

#### Masters in Computer Science

Universitat Paderborn

Modules Completed:

- **Interactive Data Visualization.**
- **Statistical and Natural language Processing.**
- **Computational Argumentation using Machine Learning and NLP.**
- **Planning and Heuristic Search.**
- **Project Work:** Knowledge Graph and Entity Summarization using Link-based Algorithms such as LinkSUM, SALSA and HITS. (<https://github.com/haseebjavaid21/kg-summarization>).
- Have also involved myself in some self learning projects such as:
- **Fact-checker**, a fact checking application (<https://github.com/Pavansid94/Roadrunner>),
- **Review-Classifer**, a classifier classifying the amazon review into a positive/negative review (<https://github.com/Pavansid94/Review-Classifer>) and
- **Professor-review-viz**, a short visualization showcaser for a Professor review corpus (<https://github.com/Pavansid94/Professor-review-viz>).

## ● Bachelor of Engineering in Computer Science

Vidyavardhaka College of Engineering

### Thesis Project:

*An Adserver based off of 'Revive' was developed by a team of us, for the organisation, Webnock Technologies. This was then used by the said organisation to manage the ad-campaigns, portfolios for their clients. The adserver was able to deliver numerous types of ads using a host of delivery methods to the intended websites and in-turn was able to capture the impressions, clicks and conversion statistics to help better manage the campaigns.*

## COMMUNICATION AND INTERPERSONAL SKILLS

### ● Communication and interpersonal skills

- Dedicated and self-driven with strong communication skills.
- Able to comprehend complex requirements and articulate the same.
- Able to work independently but also act as a Team Player understanding the intricacies of the way any project team works.

### ● Languages

English, German (Mid level), and Kannada.

## JOB-RELATED SKILLS

### ● Technical Skills

- Programming Languages: **Java, Python.**
- Web Technologies: **Angular, HTML, CSS, JavaScript.**
- Frameworks: **Spring (Java).**
- Libraries: **TensorFlow, scikit-learn, numpy, pandas (Python).**
- Build Tools: **Maven, Gradle.**
- Version Control system: **Git, Subversion (SVN).**
- Database: **MySQL, Neo4J, Cassandra.**
- IDE: **Eclipse, Pycharm, Visual studio code.**

## OTHER LICENSES & CERTIFICATIONS

### ● Neural Networks and Deep Learning

- Issuing Organization: Coursera
- Credential ID: PB4MXQMKGJCC
- Credential URL: <https://www.coursera.org/account/accomplishments/certificate/PB4MXQMKGJCC>