

# JOBZILLA

*Cover letter creator*

A project by:  
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Mentored by: Pedro

# What is Jobzilla?

## ...the basics

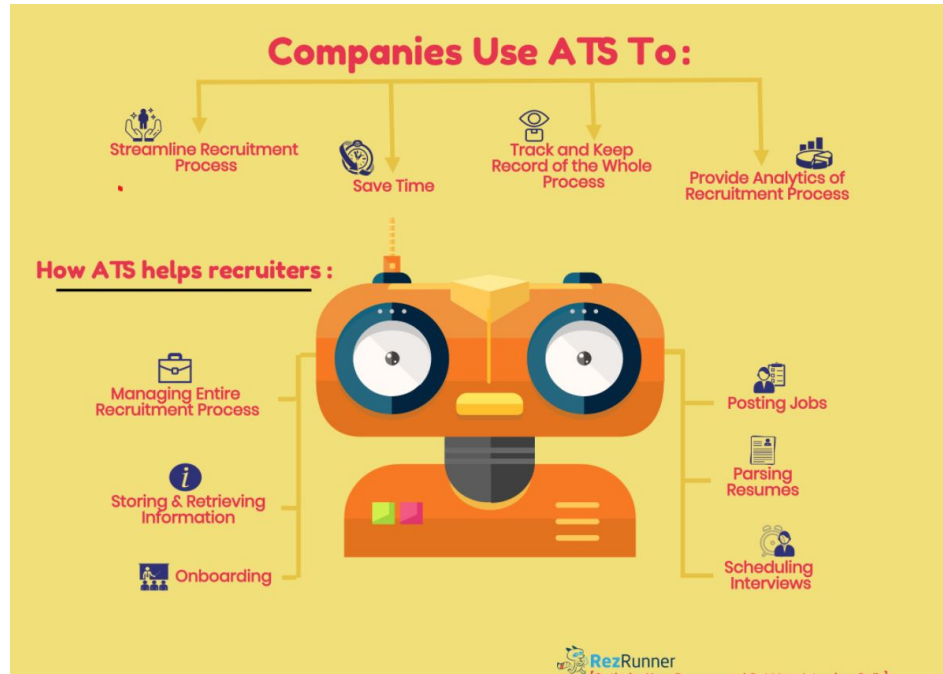
Jobzilla is an **AI-driven app**, which will **find the best jobs for your unique set of skills** and help to create cover letters so that no applicant tracking system (ATS) can resist!

Start your new career journey with just a couple of clicks!



# The Journey

## ...from problem to solution



Who in the hiring organization has the first check over incoming applications?

...oftentimes, bots!

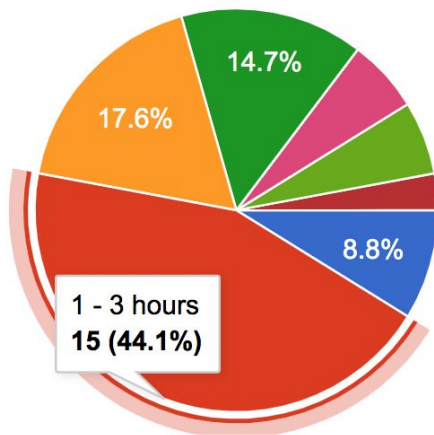
ATS = applicant tracking system

# The Journey

## ...from problem to solution

How much time do you typically spend to write a cover letter?

34 responses



Our user research  
indicates that  
applications are

time consuming!

1-3 hours for just a  
single application, but a  
bot spends just 1  
second reading it :(

# The Journey

## ...from problem to solution

- Let the bots write applications for those bots!
  - Similar models, similar logic as ATS = great outcome

### Other Jobzilla benefits:

- Automating repetition
- Speeding up a boring process
- Increases conversion rates



# Our wins!

## ...success stories along this hard journey

- Collaboration
  - No drama, no fighting
- Rewarding feeling
  - Knowing that we thought of a concept and actually brought it to life
  - We truly used the skills we learned hands on
- Overcoming Challenges
  - Communication
  - New knowledge applied immediately, despite uncertainties



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**Live demo!**



#### SKILLS

marketing, machine learning, data visualization, business, advertising, Marketing, analytics, segment, Engineering, monitoring, libraries, workload, landing pages, testing, LANGUAGES, Jupyter, Superset, Google Analytics, Google Tag Manager, Design, Python, pandas, numpy, PyTorch, Java, SQL, HTML, CSS, Git, Linux, Docker, Flask, Django, Data Science, Certificate, Google

#### Job Search

Title: data engineer  
Skills: sql, python  
City: berlin

Find Jobs

#### Data Engineer (m/w/d)

... eine strukturierte Arbeitsweise und übernehmen gerne Verantwortung Sie verfügen über einschlägige Erfahrung mit SQL, Data Warehousing, BI und Kenntnissen über dezentrale Systeme und agile ... Softwareentwicklung (mit u.a. Python, Java, SPARK, Scala) Sie interessieren sich für neue Methoden und Technologien und sind begeisterungsfähig für Data Science Freuen Sie sich auf Ihr besten Showen ...

#### (Senior) Data Engineer (m/f/d)

• Du bringst solide Kenntnisse in Microsoft Azure oder Google Cloud Plattform (GCP), Big Query oder Azure Data Factory und SQL mit • Du bist als ausgeprägte analytische ... der kontinuierlichen Weiterentwicklung der BI Architekturer Technologies - Azure - Cloud - GCP - SQL More: Bist du bereit für eine neue Herausforderung? Hast du Lust Innovation und Exzellenz ...

#### Senior Data Engineer (ML)

... programming skills in Python (Java is a plus) Good knowledge in Big Data technologies ( Databricks, Hive) and experience using stream- and batch processing frameworks ( Kafka, Apache Spark ...

#### Principle/Staff Data Engineer

... architecture and are looking for experienced leaders to join their data team of 100, to help drive this and beyond. Experience Required: Technical expertise in Python & Big Data stack ...



# JOBZILLA

## Cover letter creator



UPLOAD CV JOB SEARCH COVER LETTER CREATOR

#### Text Prompt

~[SQL, Python]~ Data Engineer

Please insert required job skills and name of the position with specified syntax. Use ~ as delimiter. (Optimal number of skills - from 3 to 10.)

#### Cover Letter Length

500

Length of the text in tokens to generate. (max: 1023)

#### Temperature

0.7

Controls the generated cover letter "creativity." (the higher the temperature, the more creative)

#### Top k

~[SQL, Python]~ Data Engineer~"Dear Ms. Ricks:

With a proven background in analyzing database queries, performing appropriate data compilation and analysis, and ensuring optimal data/system implementations, I have delivered quality solutions for top organizations in government, DoD, and civilian sectors. With a strong knowledge base in database security and quality assurance, I am prepared to excel in stimulating maximum levels of customer service and satisfaction for corporate teams, clients, and staff.

I am a fervent opponent of attacks / security threats / weaknesses / data loss prevention / security breaches. I thrive on meeting challenges introduced by clients, while concurrently creating solutions to improve efficiency and reduce costs.

In my most recent position with Madison, Wis., I held full responsibility for database management for the Department of State, serving as the chief point of contact for the department's Office of the Secretary. I now feel confident in my ability to extend my record of exceptional service to your department.

My expertise lies in analyzing existing cases and cases to identify areas for improvement and am comfortable recommending changes to mitigate risk. I aim to become a valuable member of your department in the role of Data Engineer.

A sample of key contributions includes:

Collaborated with federal agencies and local entities to identify and analyze complex data and systems and develop standards for use in software programs.

Identified and addressed several problems in a time-sensitive manner and streamlined process for approval by senior management. Maximized productivity and efficiency through effective relationship management, problem-solving, and communication abilities.

I am a proponent of continually innovating and delivering quality solutions while leading my teams to meet—or surpass—customer expectations and drive revenue growth. My complementary skills in records management, database development, and team leadership position me to thrive in this challenging role.

I invite you to consider the enclosed resume outlining my previous experience and relevant achievements to date. I look forward to speaking with you further about this position. Thank you for your consideration.

Sincerely,

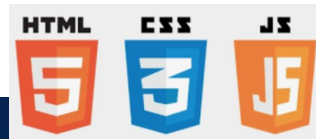
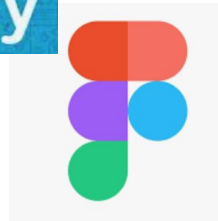
Kathryn G. Massey~<[endofText]>



# Our Tools & Technologies

## ...what powers Jobzilla

- UX
  - Figma, Canva, paper&pencil!
- WD
  - Front end: HTML, CSS, JavaScript, jQuery
  - Back end: PHP (CodeIgniter framework)
- DS
  - Adzuna API, Beautiful Soup
- AI
  - SpaCy, Tensorflow, GPT-2, FastAPI, Docker, Google Cloud Platform
- ALL tracks: Git/Github



# The Jobzilla Project Team

- Dmitry - Artificial Intelligence & Concept Lead
- Ulvi - Fullstack Web Development
- Natasha - User Experience
- Iqra - Data Science
- Angela - Project Management
- Pedro - Mentor
- Extra thanks: Zubin - DS/AI Track Lead





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**Danke schön für eure  
Aufmerksamkeit!**

**We're gonna miss you, Techlabs!**