

Ganesh Enamala

Java Developer

Jobiak.ai

<https://www.jobiak.ai/>

Hyderabad, India

+91 9160750352

ganeshenamala@gmail.com

<https://github.com/GaneshEnamala>

<https://www.linkedin.com/in/ganeshenamala>

EXPERIENCE

- **Jobiak.ai — Junior Java Developer** Feb 2022 - Present
 - **Title Cleaning, Grouping and Alternative Titles Generation:**

Title cleansing involves stripping out geographical identifiers from each job title. This process is achieved by creating various combinations of titles and location pairings, utilizing a machine learning model from Hugging Face. Subsequently, titles are aggregated based on their degree of similarity, meaning titles that match closely are placed into the same group. The generation of alternative titles is facilitated through the ChatGPT API, allowing for the attainment of a specific number of titles. For instance, if a group contains 4 closely related titles and the target is 10 titles, the system will generate an additional 6 titles to meet the goal.
 - **Automated Generation and Email Delivery of Report Files via Gmail:**

Retrieving report data from Mongo DB and producing PDF and XLSX files with Jasper soft Studio 6, then scheduling emails to dispatch these reports every three hours. Additionally, an API was developed to enable file downloads at any time, utilizing Java, REST APIs, and Swagger for the user interface.
 - **Automatic Sitemap file generation and Email Delivery:**

Generating sitemaps data from Mongo DB, which are then forwarded to the relevant team for updating the site's sitemaps. Automation ensures that any changes in the existing data are synchronized with the database, leading to an updated sitemap file being generated and delivered.
 - **Routine Debugging and Modifications to the Current Product:**

Developed Spring Boot application projects tailored to specific requirements and deployed them on AWS servers utilizing GitHub repositories. Enhanced user experience by creating user-friendly APIs with Spring Boot, facilitated by Swagger UI and OpenAPI for improved API interaction through Swagger. Integrated a file upload feature into the existing project site for data extraction from files and storage in the database. Addressed bugs in both frontend and backend components, and implemented batch schedulers using Cron Jobs for the periodic execution of certain methods. Additionally, introduced pagination for the job platform and developed an API for data retrieval from the database with various filtering options.
 - **Web Scraping for Job Data:**

Utilized Jsoup, Playwright and Selenium libraries to scrape and extract job listings from various websites, ensuring an up-to-date employment opportunities database. Implemented custom scraping scripts for navigating web pages and extracting relevant job information. Adhered to ethical scraping practices, ensuring compliance with website terms of service and data privacy regulations.
 - **Node.js to Java Project Transformation**

The pre-existing job posting project, which was originally developed using Node.js for posting to Google, has been transitioned to a Java-based project. This transformation not only enhanced the project's efficiency but also reduced overall resource consumption. The upgrade incorporated the use of multithreading schedulers and APIs, along with the implementation of Cron Jobs, to facilitate more effective and time-efficient operations.
 - **Research and Development:**

Conducted a comprehensive analysis of competitor websites, resulting in detailed documentation and subsequent modifications to our product in line with the findings. Additionally, undertook a study on the Google Jobs platform, focusing on its ranking mechanism, adjustments in structured data, and the positioning of buttons across different job platforms within Google Jobs.

EDUCATION

- **Universal College Of Engineering And Technology** Guntur, India
 - Bachelor of Technology (Electronics and Communication Engineering); CGPA: 7.61 Jun 2018 – Jun 2022
- **Sri Chaitanya Education Institute** Guntur, India
 - Intermediate(Mathematics, Physics, Chemistry); percentage: 94.7 Jun 2016 – Apr 2018

Academic Projects

- **Aadhar Based Voting System — By using Arduino**
 - This is a better way of current voting system in India
 - You can vote anywhere from India, So we can avoid rigging and tampering
- **Automatic Solar panel Rotation — Based on Time**
 - It is worked on by rotating solar panel according to the time
 - By rotating 15 degrees to every one hour, it will directly face the Sun, so we will get the more power than normal

Certifications

- Certificate Course in Java basics from Hacker Rank
- Certificate Course in C Programming from Motive institute Guntur

Awards & Achievements

- Monthly R&R in Jobiak – Sep-2022, Nov-202, Dec-2022, Jan-2023, May-2023, Aug-203
- Gold medal - TATA BUILDING INDIA 2014-15
- District first prize - RUPPAP
- Selected for NMMS - 2013
- Selected for INSPIRE- 2012

SKILLS

Java Full Stack Developer, Spring MVC, Spring JPA, Hibernate, JavaScript, Mongo DB, MySQL, NodeJs, Angular.js, React.js, C, Python.

TOOLS

Eclipse, Spring Tool Suit, VS code, Robo 3T, Studio 3T, AWS, GitHub, AWS, Linux, GCP, Gitbash, WinMerge, Graphana, Jira, Slack.

