Kartikeyan LV
(+91) 9108708709 * lvkartikeyan@gmail.com * LinkedinProfile

PROFESSIONAL PROFILE

- Backend developer with 4 years of experience in backend development in multiregional eCommerce domain.
- Aiming to deliver similar results in more challenging new roles and new domains.

SKILLS

- Programming languages: Java, Python, JavaScript.
- Frameworks / Libraries: SAP Commerce Cloud (SAP Hybris v-5.7, 1808, 1811), Spring framework, Hibernate, Spring Boot, ReactJS, Pandas, Matplotlib.
- Database: MySQL, FlexiSearch, MongoDB.

PROFESSIONAL EXPERIENCE

GE Healthcare, Bangalore
Enterprise Application Engineer, February 2019 – present

- Continued working on more challenging tasks in *GE Ultrasound*
  - Introduced guest checkout feature that allows non registered customers to place an order.
  - Upgraded the backend codebase from Hybris v1808 to v1811.
  - Developed a versatile Reporting functionality that includes Customer and orders placed using Apache POI, that was recognized by the business team to facilitate better analysis of the sales.
  - Mentored junior developers and guided offshore Production Support team.
  - Currently working on the design of a one stop shop for all ecommerce spaces in GEHC.

Enterprise Application Engineer Specialist, July 2017 - February 2019

- Self-trained in SAP Hybris, an eCommerce platform, and worked fulltime on two projects GE Healthcare-Education and GE Healthcare Ultrasound.

  Roles and Responsibilities-GE Education (link)*, July 2017 – February 2018*
  - Worked on backend developments for the Educational eCommerce site, that provides courses relevant for medical practitioners.
  - Developed numerous Customer and Backoffice facing features.
  - Automated numerous features like, Bulk enrollment, Auto-canceling of subscription using cronjobs, reducing support team's manual effort significantly.

  Roles and Responsibilities-GE Ultrasound (link)*, February 2018 - present*
  - Worked on a multi-language, multi-currency B2B eCommerce space where medical practitioners buy GEHC Equipment.
  - Designed and developed applications, like: RESTful APIs for the core backend functionalities using spring framework and leveraging Hybris OOTB functionalities, developed numerous features specific to its respective release country, BackOffice platform interfaces, etc.
  - Monitored and improve quality of extended web components in SAP Hybris, that was helpful for supporting 20+ regional rollouts.
  - Other responsibilities included development, maintenance, and execution of comprehensive ecommerce platform support scripts using Groovy script and ImpEx files.

- **Stretch project – NLP Development,** *July 2019 – September 2019*
  Roles and Responsibilities
  - o Worked with the GEHC's Data and Analytics team in extracting Chinese, Japanese and Korean (CJK) content from text data acquired from reviews of GE Healthcare customers, using 'googletrans' API.
  - o Developed an NLP script that would perform sentimental analysis for GE Healthcare product's reviews using spaCy. This was further used to generate an NPS rating for the customer.

EDUCATION

AMC ENGINEERING COLLEGE, Bangalore
Bachelor of Engineering in Computer Science and Engineering, June 2017
- Aggregate percentage: 70.94 (First Class with Distinction).

ACADEMIC PROJECTS

LIME-Data Lineage in a Malicious Environment([GitHub-link](#)**),** *March 2017 – June 2017*

- o Designed a web application that used an accountable data transfer protocol to verifiably transfer data between two entities, which incorporated digital watermarking techniques.
- o Developed specific functionalities for the various types of users which included an Auditor, Data Owner and Data Receiver.
- o Incorporated Invisible and Robust Watermarking algorithms for a document, image and audio file types.

Snake Tetris on OpenGL([GitHub-link](#)**),** *May 2016 – June 2016*

- o Developed a game based on the classic "Snake Tetris" on the OpenGL platform.
- o The game consisted of two modes "Classic" and "Campaign" which had specific functionalities and different levels of difficulty.
- o Functionalities such as Rotation, Translation, and Scaling of graphical images were incorporated.

MISCELLANEOUS

- 'Extra Miller Award' for driving major developments in the Equipment eCommerce product, *2020.*
- Academic support volunteer for 'Made a Difference', here I teach Mathematics and English to 10th grade students, *August 2019 – present.*
- Runner's up in GE VoltEdge Hackathon *2019.*
- Machine Learning A-Z Hands-on Python, completed course using Python from Udemy, *2018.*
- Volunteer for the 'UNDER 25 Summit' *2018.*
- Placement coordinator (AMCEC), coordinated with various companies and managed the students for a better placement experience, *2017.*