

KARTHICK VASU

SOFTWARE DEVELOPER

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Software engineer with two years of experience who has demonstrated the ability to work in both collaborative and self-starting environments while remaining focused on delivering high quality products on time.

SKILLS

- **Languages:** Python, ES6 Javascript, SQL, HTML, CSS.
- **Frameworks & Libraries:** Django & Django REST, jQuery, Bootstrap.
- **Database Server:** MySQL, MongoDB.
- **Deployments & Maintenance:** AWS, Docker, Kubernetes.
- **Tools:** GIT, POSTMAN, Jira, VSCode.

CORE COMPETENCIES

- System designing | Database designing | Object-Oriented Design | Unit testing and debugging

EXPERIENCE

- **Software Developer at Seaant Web Technologies. Chennai, Tamil Nadu - (Dec 2020 - Present)**
Worked on the following project as a sole contributor and team leader.
 - **Hearzap** - Leading hearing care solution and service provider in India.
 - Using an efficient and scalable micro service architecture, digitalized all aspect of their platform, including the management of their Online store, Service Requests, Customers, Staffs, Stores, Suppliers, and Assets. Additionally, the tool used to do audiogram tests has been fully digitalized, and the system itself has an integrated otoscope camera.
Technologies Used: Python, Django & Django REST, Docker, Kubernetes, MySQL, HTML, CSS, Js.
 - **Handy** - Japanese HR Solution provider that supports employment prospects for high school students.
 - Designed and developed a digital platform that enables companies to post job openings, accept applications from educational institutions, and share student resumes with those companies. A knowledge-based anchor technique, concurrent programming, and an effective and highly scalable microservice architecture were used to extract data from a challenging Japanese document.
Technologies Used: Python, Django & Django REST, Docker, Kubernetes, Apache Kafka, MySQL, HTML, CSS, Js.
 - **SAF Framework** - Internal framework based on the Django framework to increase productivity.
 - Designed and developed an internal framework based on the Django framework. By this increased the productivity of the company by speeding up development process by 35% using this framework.
 - **Cruise City** - An app that enables cruise visitors to freely explore Copenhagen's port city.
 - Designed and developed a digital guide that aids cruise tourists in seeing the port city of Copenhagen and supports multiple languages and operates both online and offline. The system operates by proposing nearby tourist attractions, restaurants, activities, and upcoming events depending on their interest.
Technologies Used: Python, Django & Django REST, MySQL, HTML, CSS, Js.
 - **Lending Quarters** - US-based mortgage company that aids customers in purchasing homes.
 - Created a digital platform that offers customers live contact options with a mortgage specialist based on their location and budget as well as information about the mortgage application process.
Technologies Used: Python, Django & Django REST, MySQL, HTML, CSS, Js.
 - **Madura Micro Finance** - Leading NBFC-MFI offers unsecured microloans to rural and semi-urban women's self-help groups.
 - Contributed by creating code to fix the offline functionality module's existing bugs. To extract data from a third-party server and database, specially developed APIs were also created.
Technologies Used: Python, Django & Django REST, PostgreSQL, HTML, CSS, Js.

EDUCATION

- **B.Tech/ECE (2015 - 2019)** in BSA Abdur Rahman Crescent University. Chennai, Tamil Nadu. (5.5 CGPA)

DECLARATION

- I hereby state that the information above is accurate to the best of my knowledge.

Karthick Vasu