MALAVIKA SAJITH

Web Developer

malavikasajith5@gmail.com | Germany

GitHub | Linkedin

EDUCATION

SRH University Heidelberg Heidelberg, Germany
Information Technology Master of Engineering (M. Eng) Oct 2022 - Apr 2024

Dayananda Sagar University Bengaluru, India
Electronics and Communication Bachelor of Technology(B-Tech) Aug 2016 - Sept 2020

EXPERIENCE

Cognizant Technology Solutions Pvt.LTD | Graduate Engineer Trainee Bengaluru, India | 28th Oct 2020 - 26th Nov 2021

Tasks:

- Analysed and worked on system and network issues using the BMC ticketing tool
- Provided repairs to avoid long maintenance wait times.
- Assisted with the coordination of new equipment installation and implementation
- Assisted team members with new product implementation and manufacturing process changes.
- Collaborated with different departments to discuss processes and find ways to boost performance.
- Adhered to timelines to meet quality assurance targets.
- Checked equipment daily and provided repairs to avoid long maintenance wait times.
- Handled tasks for engineering projects under the project manager's supervision.

Achievements:

- Have received employee of the month for being excellent at resolving issues during the project phase and helping the team in coordinating the desired tasks.

SKILLS

Programming Languages:	HTML5, CSS3, JavaScript, Python
Libraries/Frameworks:	Flask, Node.Js, Next.Js, Tailwind CSS, React, Bootstrap, Express.Js, Keras, Tensorflow
Tools / Platforms:	VS Code, Git, Arduino, Sublime Text
Databases:	MongoDB, MySQL
Languages:	English, German, Hindi, Malayalam, Kannada, Tamil

PROJECTS / OPEN-SOURCE

Pneumothorax Detection using U-Net++ Architecture | Link *Python*

This project leverages deep learning to detect Pneumothorax in lung X-ray images using the U-Net++ architecture, which excels at medical image segmentation. The model processes X-rays and produces precise Pneumothorax segmentation masks, aiding in early detection of the condition. With advanced metrics like Dice Coefficient and IoU, the model demonstrates high accuracy, offering a valuable tool for critical, life-saving diagnosis.

Calculator Web Application | Link *HTML, CSS, Javascript*

This project is a simple calculator built using HTML, CSS, and JavaScript. It supports basic arithmetic operations such as addition, subtraction, multiplication, division, percentage, and also provides functionalities like reset (AC) and delete (DEL).

Tesla Landing Page Clone | Link *HTML, CSS, Javascript*

This project is a responsive landing page clone for Tesla's website. It showcases various Tesla models and features dynamic animations and interactive elements.

Face Mask Detection System | Link *Python*

This project implements a Face Mask Detection System using deep learning with TensorFlow, Keras, and OpenCV. It includes scripts for real-time mask detection via webcam, image-based mask detection, and training a mask detection model with MobileNetV2 architecture. The system detects faces and predicts mask usage with accuracy.

CERTIFICATIONS

- The Web Developer Bootcamp 2024 - **Udemy**
- German Language - A1 - Goethe Institut.

MASTER

This is to certify that

Malavika Sajith

born on 05 March 1998 in Palghat / India

has successfully completed her studies in the field of

Information Technology

and achieved the German overall grade good (2.4)

Topic of the Master-Thesis:

Automatic Segmentation of Pneumothorax in Chest X-Ray Imaging

The performance appraisal is listed on the back side of this certificate.

Heidelberg, April 18, 2024

Chairman Examination Committee

Prof. Dr. Doruk Özdemir

Rector

Prof. Dr. Carsten Diener

SRH Hochschule Heidelberg
SRH
Staatlich anerkannte
Hochschule der
SRH Hochschulen
GmbH

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URKUNDE

MASTER

Malavika Sajith

born on 05 March 1998 in Palghat / India

has completed the approved course of study Information Technology and passed the exams as a fulltime student at the School of Engineering and Architecture.

The following degree has been awarded:

Master of Engineering (M.Eng.)

This certificate has been issued according to § 36 Abs. 1 Landeshochschulgesetz Baden-Württemberg (LHG, Law concerning Universities of Applied Sciences of the Land Baden-Württemberg) in the version dated 01 April 2014 (GBL. vom 8. April 2014, S. 99)

Heidelberg, April 18, 2024

Rector

Prof. Dr. Carsten Diener

Cognizant Technology Solutions India Private Ltd.
Techno Complex,5/535 Old Mahabalipuram Road,
Okkiyam Thoraipakkam, Chennai – 600 097.
Phone: 4209 6000
Fax: 4209 6060

Cognizant

TO WHOM IT MAY CONCERN

Sub: Employment Information as per our records

Employee Name	: **Ms .Malavika Sajith**
Employee Id	: **884154**
Designation	: **Engineer Trainee**
Date of Joining	: **28 October 2020**
Date Of Relieving	: **26 November 2021**
Role Description	:

The primary role of Service Desk Analyst is providing first level support through calls/web/chat/Email and handling the resulting incidents or Service Requests using the incident management and Service request fulfillment processes in line with Service Desk objectives.

Project/Process and Responsibilities:

- Responsible for service Request fulfillment, Incident Mgmt (First level resolution) for the End User queries via Avaya call, web tool and mailing/chat system within the agreed service level and defined guidelines.
- Acts as Incident Analyst/Service Request Analyst and responsible for the Day to day operation of the Incident Management/Service Request management process.
- Record all End user transactions in Remedy ticketing tool.
- Responsible for maintaining SLA/KPI's for self.
- Responsible for providing quality deliverables and enhancing customer satisfaction
- Escalate issues to Leads (if unable to resolve, solutions not in database, new issues, unhappy End User, complaint, Demanding End User)
- Contribution to knowledge management by updating/creating the knowledge articles
- Adherence to security and compliance requirements
- Adherence to communication etiquettes
- Quality – Should adhere to the basic guidelines laid down for the ticket/voice quality feedbacks provided by Leads/DAT POCs
- Contribute to and participate proactively in knowledge sharing sessions
- Contribute to Continuous Improvement and Innovation plans (CII)
- Analyst under Batch Process Monitoring shall monitor all the in-scope process/jobs.
- Notify SME's/Shift Leads in case of any challenges in the process.
- Preparing handover of Batch Process Monitoring report and sharing it with the next shift members, at the end of each shift.
- Notify the lead immediately in case of complaints and escalations
- Participate in Shift Huddles on daily basis and discuss technical/Process updates

Thanking you,
Yours Faithfully,
For **Cognizant Technology Solutions India Private Ltd.,**

Pravin Mathiyalagan Kumar
Associate Director - HR

12 December, 2021