

Raghav Tengse

ABOUT ME

Software Engineer from the University of Gothenburg with a strong international perspective and team-oriented mindset. Adaptable and fast-learning, with the ability to work both independently and collaboratively while continuously developing new skills and tackling challenges.

BACHELOR THESIS:

LLMS potential in Requirements Analysis in Industrial Software Projects
An empirical study on integrating AI into Requirements Engineering workflows, evaluating impacts on efficiency, resource consumption, and accuracy.

EDUCATION

International School of Hamburg, Hamburg — *International Bachelorette*

August 2020 - June 2022

Göteborgs Universitet , Göteborg — *Bachelors in Software Engineering and Management*

August 2022 - June 2025

Linnæus Universitet , Växjö — *Mathematics*

(Discrete Mathematics, Calculus I , Calculus II , Linear Algebra)

February 2025 - March 2026

INTERNSHIP

Ericsson AB Summer Intern

June 2025 - September 2025

EXPERIENCE

Open-source contributor at NodeJS

October 2025 - January 2026

Äußere Bayreuther Straße, 57

90409,Nürnberg

Germany

(46) 73-803-37-07

(49) 1590-6494705

raghxaaav@gmail.com

NATIONALITY:

German

SKILLS

ReactJS

Human-Centered
Design

Java

MongoDB Vector Search

Javascript

Apache Kafka
Fundamentals

NodeJS

Artificial Intelligence

VueJS

LANGUAGES

English(Fluent)

Hindi(Fluent)

Marathi(Fluent)

Swedish(Intermediate)

German(Beginner)

EXTRA CURRICULARS

Badminton (District level)

Swimming

Painting

Hiking

Photography

PROJECTS

INDUSTRIAL PROJECTS

Project Name — ERET (Ericsson Requirements Evaluation Tool)

Developed an extension tool for analyzing requirements, integrating with Ericsson's proprietary AI to evaluate requirement quality. The tool processes requirement files, assesses language and context based on internal guidelines, generates statistics and evaluations, and provides recommendations or rewrites. It also includes a chatbot to answer queries based on file data.

Technology: JavaScript, VSCExtensions, HTML, CSS, Artificial Intelligence, Vector Search, RegEx

ACADEMIC PROJECTS

Project Name — Home4U

Developed a security system using Raspberry Pi, incorporating a motion sensor to detect movement and trigger an alarm when activated for surveillance. Enhanced security automation by implementing real-time motion detection and alert mechanisms.

Technology: Android, Raspberry Pi, C++

Project Name - Dentist Service

Developed a web platform enabling patients to book appointments directly with local dentists, featuring clinic ratings and user reviews. Designed a distributed architecture where each service operates on separate servers, ensuring scalability and reliability.

Implemented a custom MQTT library for efficient communication and data handling across services.

Technology: MQTT, ReactJS, Javascript, REST-API, Microservice architecture

Project Name - Java Text Search Embedding Library

Developed a Java library for generating and searching text embeddings to enable semantic similarity and efficient information retrieval.

Technology: Java, Text processing

Project Name - Recipes4U

A cooking community app that allows users to post recipes, enroll in cooking courses and post reviews.

Technology: JavaScript, MongoDB, HTML and CSS.

Project Name - CyberSafeAI

Developed a web platform that utilizes AI to analyze user text and warns users of the use of profanities and strong language, advising them of modifying their text to be less harmful. The project utilizes a custom trained AI which is trained on a vast database of strong languages and profanities.

Technology: Python App, Python, Artificial Intelligence, Google Cloud