MEKALA LOKESH KUMAR

Software Engineering Graduate with fundamental knowledge of development and testing. Eager to build a career with an organization that provides me an opportunity to exploit my logical, analytical, and technical skills. A team player with strong communication skills prepared to go the extra mile.

@ mekalalokesh1999@gmail.com   in lokesh-mekala-648a761a5?trk=people-guest_people_search-card   ⌱ lokesh-kumar-m

📞 +46793573521   📍 Stockholm, Sweden

EXPERIENCE

Master Thesis
Inriver AB

📅 Jan 2022 – Sept 2022   📍 Malmö, Sweden

- Investigated the vulnerability management procedure reported in academic and industrial research.
- Proposed automation approaches to enhance threats identification at commit level to catch potential vulnerabilities.

Robotic developer Intern
Path Creators

📅 Oct 2017- Nov 2017   📍 Hyderabad, India

- Developed path detecting and collision avoidance robot to navigate in maze using Arduino, c and Raspberry pi.

PROJECTS

Video-Rental-Service
- An API service to manage and rent videos with user authentication using React, Mongo, JWT, Docker.

Expense-Tracker
- A react application to keep track of earnings and expenses using React and Javascript.

Online Delivery System
- Developed an interface to order food online from available restaurants with the help of HTML, JavaScript, and CSS. The website contains a user cart where all orders are stored and a payment page where the total amount of order is evaluated.

Webanno
- Role: Lead Developer.
- Evaluated the maintainability of open-source software. Refactored 5% code and implemented a new feature using JavaScript, Java, SonarCloud, Git.

Sentiment analysis
- Trained CNN models to detect gender, mood and ethnicity from a picture with an accuracy of 76%. Investigated the importance of transfer learning using Inception V3 and VGG-16.

Banking-Application
- Application that provides banking services such as fetching account balance, withdrawing money and deposit money with user-authentication using Java, Swings, MySql, Docker.

Decision Support System for Catering Expenditure System
- Role: Scrum Master
- An Intelligent Decision Support System to predict the Catering Expenditure by using Machine Learning techniques. Estimate the overall food wastage and the amount of food to be served less per person.

EDUCATION

Master's in Software Engineering
Blekinge Institute Of Technology

📅 Jan 2021-Feb 2023   📍 Karlskrona, Sweden

Bachelor's in Computer Science
Jawaharlal Nehru Technological University

📅 Aug 2017-Dec 2020   📍 Telangana, India

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, JavaScript.
- **Databases:** Oracle12c, MySql,PostgreSql.
- **Frameworks:** Flask, Express, React, Hadoop, Spring.
- **Tools:** SonarQube, SonarCloud, VMware, Figma, Illustrator, Vscode.
- **Technologies:** Git, Vagrant, Shell Scripting, travisCI, Docker, Kubernetes, HTML, CSS.

CERTIFICATIONS

- Mastering Data Structures and Algorithms – Smart Interviews
- Building Containerized Applications on AWS – Coursera
- Software Design as an Element of the Software Development Lifecycle – Coursera
- Technical Support Fundamentals – Coursera
- JavaScript Beginner coder – HackerRank
- The Complete 2020 Web Development Bootcamp – Udemy

ACCOMPLISHMENTS

- Ranked ninth in mastering data structures and algorithm course with global rank 1546/26569
- Ranked Second in Hackathon organized by JNTUHCEH 2019.
- Received a scholarship on merit at Blekinge Tekniska Högskola.
- "Crio Winter of doing" – Relentless BEE title.

CORE COURSE

C Programming and Data Structures

Object oriented programming through Java   Computer Networks

Operating System   Data Base Management Systems

Web Technologies   Compiler Design

SOFTWARE ENGINEERING COURSES

Software Metrics   Software Quality and Testing

Evolution and Maintenance   Cloud Computing and Big Data

Agile and lean Methodologies

LOCATION

- Willing to relocate.

VOLUNTEER

- Acted as Head coordinator for Quest 2020.
- Orchestrating a state-wise coding competition.
- Served as Class Representative and Student President.

LANGUAGES

English   Professional Working Proficiency

Swedish   Basic level proficiency

HOBBIES

Badminton   Cooking   Travelling   Music

Volley Ball