SHREEHARSH ASHOK GUDIBANDI

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🌐 https://portfolio-shreeharsh-gudibandi.vercel.app/

Education

M.Sc. Data and Computer Science
10/2022 – Present

Ruprecht-Karls-Universität Heidelberg, Heidelberg

Advancing the skills with coursework such as Distributed and Parallel Algorithms with a focus on software and algorithm performance, Machine learning, Visualisation, software engineering tools, methods, and the performance optimization process.

B.E. Computer Science and Engineering
08/2018 – 07/2022

BMS Institute of Technology and Management, Bengaluru, India

Built a solid foundation in Core concepts i.e., Data Structures and Algorithms, Software Development, Operating Systems, Computer Networks, Database Management, embedded systems and system-architecture.

Professional Experience

Salesforce Internship
04/2022 – 06/2022

SmartBridge, India

• Developed proficiency in Salesforce CRM by completing hands-on projects and earning Superbadges. Built and automated business workflows using Apex, Process Builder, and Lightning Components.

• Gained experience in security configurations, and customer relationship management best practices.

Azure Internship
12/2021 – 04/2022

Future Ready Talent, India

• Gained hands-on experience with Microsoft Azure, focusing on cloud computing, web-apps, security, virtual machines and DevOps practices.

• Developed a cloud-based project leveraging Azure services such as Azure Functions, web-apps, and Azure SQL. Implemented secure authentication and resource management strategies to optimize cloud performance.

Web Development Internship
11/2021 – 12/2021

Let's Grow More, India

• Developed and optimized web applications using React.js, PHP, and MySQL.

• Quickly adapted to new technologies to enhance project functionality. Demonstrated strong problem-solving skills in debugging and improving application performance.

Projects

FeReRe Jira Plug-In
Java, XML, Jira API, Servlets, REST API

• Integrated external feedback-requirements data using Feed.UVL API.

• Developed a secure backend for API communication and data storage. Designed frontend panel to accommodate search and highlight functions.

Code Submission Chrome Extension
TypeScript, Chrome Extensions, GitHub API

• Developing a Chrome extension that commits coding submissions from LeetCode and HackerRank. Categorizes submissions by platform and pushes to the repository.

Domain-Specific QA System
Python, Transformers, NLP, LLM(LlaMa)

• Developed QnA system within the domain of Natural Language Processing (NLP) and Transformers. Implementing Large Language Model (LLM) pipeline using cosine matrix similarity, enabling the generation of contextually relevant answers to user queries.

Technical Skills

Web Development (Javascript, Typescript, React.js, Next.js, Node.js), UI/UX, REST APIs , Databases (SQL Programming, MongoDB), Python, Java, C, Algorithms and Data Structures, Git, Jira, Linux Microsoft Azure, Azure DevOps, Docker, Kubernetes AWS Cloud Services Microsoft 365, MS Office.