Harshadeep Gelli

10205, Merketel strasse 48, Weimar, 99425 | 017642025366
harshadeep1998@gmail.com | www.linkedin.com/in/harshadeep-gelli

An aspiring, experienced, highly motivated, full-stack developer, looking for an INTERN / WORKING STUDENT SOFTWARE DEVELOPMENT who has a background in Digital Engineering. By working on a variety of projects, websites, and frameworks. I have created flexible, entrepreneurial, pragmatic, passionate, lean, modern, confident, and agile development methodologies that include anything from quality assurance in technology organizations to improving website functionality while emphasizing reliability. Committed to ongoing learning, I am a quick learner pursuing a Master's degree in Digital Engineering and bring critical thinking, self-motivation, reliability, prioritization, flexibility, customer-focused thinking, analytical skills, innovative skills, strong problem-solving skills, teamwork skills, attention to detail, decision support, analytical thinking skills, creativity, and interpersonal skills. I offer strong communication skills, openness, creative solutions, strategy and planning, commitment, leadership, collaboration skills, innovation, willingness to learn, quick comprehension, teamwork, a methodical approach, and enthusiasm in every project.

EXPERIENCE

Special Project   Sep 2022 - Mar 2023
Bauhaus University Weimar, Weimar
● Pioneered a computer science web development project in the Full stack development field, where I worked independently to add different features to a website. The goal was to improve the web interface, usability, user interface, landing pages, UX/UI design systems, cross-browser compatibility, and scalability using web applications.
● Efficiently Worked on the creation of an Automatic Search Query feature using the CI/CD pipeline and achieved accurate results with a focus on quality and ability to work independently.
● Successfully implemented code reviews, peer programming, and requirements for both frontend and backend development features from both the client and server sides by working in SCRUM.
● Used modern web technologies like HTML, SaaS, scripting language JavaScript, PHP, TypeScript, CSS, Node.js, jQuery, npm.js, React.js, REST APIs integration, version control systems GIT, GitHub, to gain web application development insights to obtain the system and application performance of this feature.
● Resourcefully, used SpringBoot, Vue.js, AngularJS Framework, and webpack for certain tasks in the project.

Student Research Assistant   Feb 2022 - Jan 2023
Bauhaus University Weimar, Weimar, Germany
● Facilitated the project to evaluate the results of a material that is being tested in a laboratory to find the Strain deformation and Crack Detection and the outcome results from the software Python, Java, Matlab Simulink, and GOM Software.
● Productively, used the Digital Image Correlation data types for prototyping and to evaluate performance by contributing my own ideas.
● Written and upgraded the coding and troubleshooting in Python, and Java by taking responsibility for writing software tests with the internal software team, automated testing, code reviews, acceptance tests, and constructive feedback.
● Attained the outcome from software and the engineer laboratory results accurately with the cross-functional team with a self-driven motivation.
● Succeeded in using databases like SQL scripting, and NoSQL for data storage and data modeling to work on the database for the data management in the projects.
● Confidently, worked on a project that develops Blockchain and Web3 technology.

Quality Analyst (QA)   Dec 2019 - Dec 2020
TechnipFMC, Hyderabad, India
● Assigned to different departments on a rotational basis to use various technologies.
● Adopted as a manual tester by using programming language tools Java, Python, and C#.
● Involved in creating, evaluating, and maintaining the documentation of the sensor's software functioning, condition monitoring, calculation, and test cases in the manufacturing environment with a close cooperation from the team.
● Accountable for the functioning of the sensor's software part, data modeling, distributed computing, defining the test cases independently, and fixing errors by supporting tests.
● Spearheaded the software requirements by working with the requirements analysis, customers, and internal team, automated tests, and test specifications, and documented the processes, reports, and developed solutions and testing results to maintain well-structured workflows.
● Efficiently used MS Word, MS Office, PowerPoint, JIRA, and Excel for creating and updating various details of technical documentation.

EDUCATION

Master of Science (M.S.) - Digital Engineering (Industry 4.0) Oct 2021 - Oct 2024 (Expected)
Bauhaus University Weimar, Weimar
● Worked on different software projects in Software Engineering and software development, Data structures and Algorithms, Object-oriented programming (Java programming), AI, Digital Innovation, Formal Methods (Software design, Software Systems, and Software development lifecycle), Image Analysis and Object Orientation, and Mathematics.
● Personal Website - https://harshadeep100.github.io/html-portfolio/

Bachelor of Engineering (B.E.) - Mechanical Engineering   Jun 2015 - Jun 2019
Chaitanya Bharathi Institute of Technology, Hyderabad, India
● Software engineering, Algorithms, Artificial Intelligence, Machine Learning, and Computer science as majors.

SKILLS

● Java, Python, HTML, CSS, Microsoft Office, GIT, JavaScript, TypeScript, Node.js
● SAP QM, Matlab, MongoDB, Bootstrap, SQL, JSON Parsing, Restful API's Integration, XML, Linux, docker, PHP, C++, C, C#, JIRA, REACT

LICENSES & CERTIFICATIONS

German Language B1 Certificate   2022
Goethe Institute

English Language C1 Level   2022
IELTS

VOLUNTEER

Project
Bauhaus University Weimar
● Personal Website - https://harshadeep100.github.io/html-portfolio/

Project
Bauhaus University Weimar
Multi-page Application - https://harshadeep100.github.io/CourseWebsite/

7. Juli 2023

To whom it may concern

Prof. Dr. rer. nat.
Tom Lahmer

Fakultät Bauingenieurwesen

Professur Stochastik und Optimierung

Recommendation Letter Mr. Hashadeep Gelli,
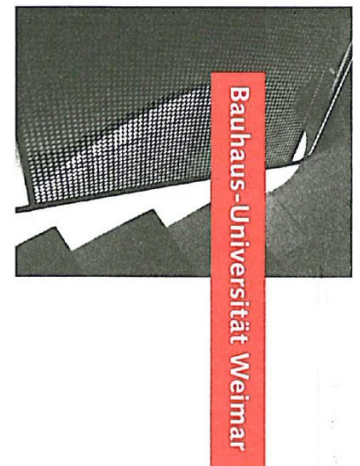
To Whom It May Concern,

Mr. Harshadeep Gelli was a master student in the Digital Engineering Master Program at the Faculty of Civil Engineering, Bauhaus-Universität Weimar. He attended our courses on Signal Processing, Design of Experiments, and Stochastic Simulation Techniques and Structural Reliability. In addition, he worked as a student assistant in my chair on the analysis of digital image correlation measurements and their comparison with classical measurement techniques such as strain gauges, LVDTs and crack width meters.

During this time, I found him to be hardworking, intelligent, determined, reliable, and conscientious. His ability to analyze results always seemed very promising to me. His performance as student and assistant was always visibly above the average of his classmates. I therefore recommend Mr. Gelli and consider him a very good candidate for any type of internship of professional position either in science or in industry.

Yours sincerely

Tom Lahmer

Marienstraße 15
D-99423 Weimar

Postanschrift:
D-99421 Weimar

Telefon:
+49 (0) 36 43/58 4506

Telefax:
+49 (0) 36 43/58 4514

E-Mail:
tom.lahmer@uni-weimar.de