



Utsav Deep

Work permit: German **Nationality:** Indian **Date of birth:** 05/02/2000 **Gender:** Male

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Home: Fulda (Germany)

ABOUT ME

Master's student in Software Development at Hochschule Fulda with previous experience in test automation. Over the past four years, I have worked with a range of technologies, including Java, AWS, Javascript, Node.js, React.js, and Selenium which has helped me develop quality products for various clients and my projects. I am actively seeking roles dealing with robust software development and testing to enjoy staying up to date with latest technologies and best practices.

EDUCATION AND TRAINING

MSc, Global Software Development

Hochschule Fulda [04/2024 – Current]

City: Fulda | Country: Germany | Website: <https://www.hs-fulda.de/>

B. Tech, Computer Science and Engineering

Presidency University Bangalore [01/08/2017 – 21/11/2021]

City: Bengaluru | Country: India | Website: <https://presidencyuniversity.in>

WORK EXPERIENCE

Test engineer (Promoted from Trainee Consultant)

Intact Green Services (IGS) [01/07/2021 – 29/02/2024]

City: Bengaluru | Country: India

- Led the automation of over 40 End-to-End tests using Selenium, Cucumber reducing testing time by 30%.
- Designed and implemented a Node-JS Based Solution to interact with AWS CloudWatch Logs, automating backend validation.
- Established a robust mobile device testing automation framework using Appium.
- Automated over 300+ regression tests using Selenium, significantly reducing manual testing time.
- Led client meetings and managed numerous clients communications.

SKILLS

Languages and Frameworks

JSON / HTML / Python / AWS SDK / Java / WDIO / JavaScript / Node.js / Express / React.js / SQL / CSS / Selenium / Playwright

Tools and Platforms

Linux / Git / Jira / Github / AWS / Docker / GitHub Actions / RestAPIs / Postman

PROJECTS

[01/04/2024 – 01/07/2024]

Fulda Tutoria

- Managed the GitHub repository, ensuring version control, branch workflows and seamless team collaboration for a 6-member team.
- Led deployments on AWS, implementing continuous integration and delivery pipelines for stable application performance.
- Contributed to backend development, using Node.js and MySQL and built APIs with integrated AWS SDK.
- Developed responsive frontend components with ReactJS, enhancing the user experience of the platform

Link: <https://github.com/pinnheads/Team-3-GDSD-Fulda>

HONOURS AND AWARDS

Presidency University

2nd Place Holder | Design Thinking and Team Building

PUBLICATIONS

[2021]

Insurance fraud detection using machine learning

Nowadays insurance fraud detection is becoming a tedious problem for insurance companies to deal with as they need more investment and workforces to keep track of every transaction. In this paper, we are focusing on the major issue faced by insurance companies that is insurance fraud. we use the machine learning technique to detect insurance fraud based on the transactional data given by the insurance company. We build predictive models and compare their performance by calculation of confusion matrix then it is evaluated on various performance measuring parameters like accuracy, precision, recall, F1 score, and on AUC curve. SVM (Support Vector Machine) and XG Boost (Extreme Gradient Boosting) are the machine learning algorithms used. After model evaluation, we select the best model for prediction.

LANGUAGE SKILLS

English (Buisness fluent)

German (Beginner)

Hindi (Mother Tongue)