Gagandeep Kaur

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EDUCATION

Masters in Computer Science - GPA: 4/4   Aug 2023 - May 2025
Purdue University, Fort Wayne
Related Coursework: Software Engineering, Heuristics, Software Testing, Human Computer Interaction, Analysis of Algorithms

Bachelors of Computer Science and Technology - GPA: 3.7/4   Aug 2023 - Dec 2024
Guru Nanak Dev Engineering College, Ludhiana
Related Coursework: Data Structures and Algorithms, Software Engineering, Database System, Operating Systems, Computer Organization, Machine Learning, Computer Networks, Object Oriented Programming

SKILLS

Languages	C++, Java, JavaScript, SQL, HTML/CSS, Python, Selenium, Postman
Database & Frameworks	MySQL, JUnit, Node.js
Developer tools	Git, Jira, Visual Studio, Jenkins, AWS, UFT, Postman

WORK EXPERIENCE

Rathburn Tool & Manufacturing - *Data analyst and Storyteller*   02/2024 - 5/2024
· Organize & clean raw data from various sources using Python.
· Interpreted data, created narratives, and presented findings engagingly and understandably in report.

SEAVAC (USA) L.L.C. - *Data analysis UX Design Lead*   09/2023 - 12/2023
· Designed and developed a data analysis dashboard, enabling agile responses to market trends, resulting in a **15%** increase in revenue growth and expanded customer base.
· Streamlined data analysis processes and optimized usability using Plotly Dash and Python, leading to a **25%** reduction in operational costs, increased overall profitability.

Accenture, India - *Software Analyst*   11/2020 - 07/2023
· Automated unit tests for GUI and Restful API scripts using SAP, Postman, UFT, and Selenium, resulting in a **34%** reduction in testing time for payments functionalities like EFT and Samos.
· Conducted business walk-throughs on automated test cases obtaining approvals, ensuring software alignment with client requirements and business goals.
· Twice recognized with Accenture Celebrates Excellence (ACE) award for proficiency in TDD, BDD methodologies.
· Successfully tested the Mobile App via Rest APIs, reducing execution and run-time efforts by **90%**, improving overall testing efficiency and accelerating software delivery.
· Implemented data parameterization and reusable modules for bank streams, enhancing test automation framework maintainability and scalability.

Training & Placement Cell, GNDEC - *Web Developer*   08/2019 - 12/2019
· Automated manual processes, like alumni outreach and placement drive forms, for the Training and Placement (T&P) Cell, saving significant time and effort, allowing focus on strategic initiatives to enhance student placements and industry partnerships.
· Enhanced user experience and visual appeal of the T&P Cell's online platform by working on the front end using Java and Bootstrap, resulting in increased engagement and satisfaction for students and recruiters.

EXTRA-CURRICULAR

Research & Teaching Assistant under Data Analysis Professor at Purdue University, supporting course instruction and conducting research in data analysis.

Coding Instructor - Whitehat Jr: Took 1:1 live sessions with students world wide. Taught **Game & Application development** in **JavaScript**. Recognized as a quality teacher with an average rating of **4.9/5**.

Certifications: **ISTQB CTFL** , **Google Project Management**