

CLAYTON BRACKEN

Pune, India • +91-9370170317 • claytonbracken499@gmail.com • [LinkedIn](#)

A dynamic and detail-oriented automotive software engineer with experience in testing software for automotive applications. A results-driven team player with excellent communication skills and a passion for delivering high-quality results. Searching for an organization where my skillset can be a value-add.

PROFESSIONAL EXPERIENCE

Behr Hella Thermocontrol Pvt Ltd, (Pune, India)

Software Test Engineer (R&D)

Nov 2021 -Present

- As a HIL (Hardware-in-loop) Test Engineer, I worked on multiple Projects for both foreign and domestic Clients like Volkswagen, AUDI, Daimler, Skoda and TATA doing Blackbox and panel testing for CCM (Climate control module).
- Was responsible for the complete software validation of multiple vehicle functionalities covering- (Diagnostics, Panel Logic, Remote climate, Personalization)
- Designed Test cases based on customer requirements for identifying bugs and defects in software. Further, automated these test cases which eliminated redundancy and duplication thereby reducing the delivery time by 60%.
- Collaborated with German counter-parts and different cross-functional teams, to ensure quality project deliverables.
- Prepared knowledge sharing documents and conducted internal training sessions for new Trainee engineers on various process and tool workflows.

INTERNSHIP EXPERIENCE

Aine AI (Remote)

Data Science and Business Intelligence Intern (2 months)

SEP 2021 – Oct 2021

- Performing data manipulation and visualization techniques using Python (libraries- Numpy, pandas, Matplotlib) to clean, transform and visualize different datasets.
- Analyzing data and creating interactive MS Excel Dashboards explaining observations and findings.
- Using T-SQL programming to summarize the sales data with respect to product characteristics, promotion cost and customer demographics.

EDUCATION

Savitribai Phule Pune University, (Pune, India)

Degree - BE in Electronics and Telecommunication

2017-2021

- CGPA - 7.63 / 10
- Organisations/ Awards- NSS Club Volunter, University Squash Team (3rd Place in All India Inter University squash Championship).
- College Projects -
 - Smart helmet (IoT based) for emergency workers.
 - Company sponsored project - Working prototype of an Electronic Voltage Stabilizer.

Army Public School, (Pune, India)

Class XII - CBSE board Science (PCM)

2016-2017

- CGPA - 8.34 / 10

SKILLS & OTHER

Skills: Automation, Python, Debugging, requirement analysis and testing, problem solving.

Tools: IBM Doors, IBM Rational Change, PTC Integrity, dSPACE Control Desk, dSPACE Automation Desk, Vector CANalyzer, Microsoft office(Excel and powerpoint).

Certifications:

Databases and SQL (IBM certification course),

AI for everyone by prof. Andrew Ng (deeplearning.ai),

Spoken Tutorials course (IIT Bombay) on C language.

HOBBIES AND INTRESTS

Passion for playing racket-sports (Squash, Badminton, Tennis, Table tennis), Big Tennis and F1 fan, Technology geek and foodie.

Declaration: - I hereby declare that the above mentioned information is correct up to my knowledge. I bear the responsibility for the correctness of the above mentioned information.