

## CONTACT DETAILS

✉ dbabi4656@gmail.com  
☎ +91 – 9390225151  
🌐 <https://www.linkedin.com/in/babi-d-48240920a>

## JOB OBJECTIVE

Pursue opportunities to apply a wealth of knowledge in Software Testing and Quality Assurance, aiming to drive impactful projects in the Technology industry, preferably in major cities like Bangalore, Hyderabad, and Chennai.

## EDUCATION

- 2023: MCA in Computer Science from Manipal University Jaipur |CGPA: 8.04

## AREAS OF EXPOSURE

- Quality Assurance
- Risk Management
- Software Development Lifecycle
- Technical Documentation Standards
- Project Management
- Performance Testing
- User Acceptance Testing
- Continuous Integration Practices
- System Integration Testing
- Test Automation

## TECHNICAL SKILLS

- Advanced Manual Testing Techniques
- SQL and Database Management
- Python for Automation and Scripting
- Jenkins for Continuous Integration
- SDLC and STLC
- Test Case Design and Execution
- Agile Methodologies
- Bug Tracking and Reporting Tools
- Operating Systems Installation (Windows, Ubuntu, CentOS)

## CERTIFICATIONS

- Devop's Certification | Udemy | 2024

## SOFT SKILLS

- Communication
- Analytical
- Problem-solving
- Critical Thinking

## PERSONAL DETAILS

- Date of Birth: 29<sup>th</sup> Nov 2000
- Languages Known: English, Kannada, Telugu
- Address: Bangalore – 560103

# D BABI

## Product Engineer

## PROFILE SUMMARY

- Possess **nearly 3 years** of experience in the **Software Development Lifecycle**, focusing on **Quality Assurance and Platform Validation** while collaborating with prominent clients, including Intel Technologies.
- Working as **Associate Product Engineer** at **Harman Connected Services**, concentrating on platform validation and firmware expertise, while diligently working on client-specific initiatives aimed at improving product reliability.
- Developed a robust skill set encompassing **Automation, Software Development Methodologies**, and **Project Management**, with a strong emphasis on risk assessment and quality enhancement throughout the software lifecycle.
- Earned notable recognition in the current position by providing exceptional support to the Development Team. culminating in the attainment of **1600 points in the Be Brilliant program** for exemplary performance.
- Gained recognition for impactful contributions to the Programmable solutions project, resulting in an enhancement in testing efficiency, with an anticipated productivity boost the adoption of optimized processes.
- Exhibited strong problem-solving capabilities and excellent communication skills, promoting teamwork with cross-functional groups to guarantee smooth project execution and enhance client satisfaction.

## WORK EXPERIENCE

### Harman Connected Services | Bangalore

Jan'22 – Present

**Designation:** Product Engineer

**Client:** Intel Technologies India Pvt. Ltd.

#### Key Result Areas:

- Working on the board bring-up process by configuring and optimizing a variety of board models, including Archer City, Wilson City, and Avenue City, ensuring peak performance and reliability.
- Executing firmware updates with precision, utilizing Dediprog software for BIOS, BMC, and CPLD flashing, thereby guaranteeing seamless hardware functionality across multiple platforms.
- Collaborating with clients to identify and troubleshoot complex issues, employing analytical skills to isolate problems and implement effective solutions that enhance overall project outcomes.
- Leveraging Python-sv for efficient package downloads and debugging processes, while utilizing advanced tools such as PyCharm and Pyscripter to facilitate precise PVT deployment.
- Enhancing product quality through the implementation of rigorous self-tests on various board models, improving reliability and stability metrics across the Happy Ridge and Lookout Ridge series.
- Supervising the installation of operating systems, including Windows, Ubuntu, and CentOS, ensuring compatibility and optimal performance for testing environments.
- Conducting comprehensive test case execution in alignment with project requirements, documenting bug reports to facilitate effective communication between Developers and Testing Teams.
- Utilizing advanced troubleshooting techniques with tools such as JTAG, Oscilloscope, and Logic Analyzer to diagnose and resolve intricate hardware and software issues.

#### Achievements:

- Improved testing efficiency on the Sundencemesa project, leading to a projected 100% increase in productivity through the implementation of streamlined testing processes.
- Recognized for proactive quality enhancement initiatives, which elevated the reliability of multiple board models, reducing defect rates.
- Earned 1600 points in the Be Brilliant program for exceptional support on the DPT8 project.
- Awarded 1600 points in the Be Brilliant program for outstanding performance in board flashing and test case execution.