

Abdul Nabi
Senior Software Engineer at Tech Mahindra – Bangalore
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Experience Summary

Versatile Software Professional with 5 years of experience as Developer and as test automation engineer for Enterprise and, client SSD products (SATA), and Application developer of RAID HBA and Firmware trainee engineer of HBA.

My experience summary:

- Design and implementation of test cases using ATA specification and C Programming for SATA SSD.
- Platform validation of for **SATA and NVMe Micron drives**.
- Experienced in Storage protocol **SATA, NVME and TCG protocol**.
- **Strong C** and basic of C++, Shell scripting.
- Have sound knowledge on C, Files System & UNIX Internals.
- Knowledge of systems programming and operating systems.
- Software development experience in C and C++ on LINUX/UNIX environment.
- Writing, debugging code and performing Unit testing.
- Proficient and comfortable with standard software development methodologies including Source control systems (Clear Case, Perforce), defect tracking systems (Clear Quest, Jira), test management tools.
- Got trained in **C and UNIX at Uttara Software Academy**, Bangalore.

Professional Experiences

- Currently working as Senior Software Engineer at Tech Mahindra Private Ltd, Bangalore, Validating **Micron client SATA and NVME drive**.
- Worked as Test Software Engineer 2 in Seagate Technology Private Ltd SSD Division Bangalore from August-2016 to February 2018.
- Worked as Application Developer at Broadcom Private Ltd from May 2015 to August-2016.
- Worked as Firmware Trainee Engineer at LSI R&D Private Ltd October-2013 to October-2014.

Qualifications

Degree and Date	Institute	Major and Specialization
Bachelor of Engineering (2011)	Appa Institute of Engineering and Technology, Gulbarga	Electronics and Communications

Assignments

The details of the various assignments that I have handled are listed here, in chronological order.

Employer	Tech Mahindra Limited
Products	Client SATA SSD and client NVME
Software/Languages	Auto It, Drive Master scripting language
Hardware/Platform	SerialTek and Lecroy Analyzer, TCG Drive Master
Period	March 2018 to Present
Description	This project involves Qualifying client grade SATA and NVMe Solid state drives
Responsibilities	<ul style="list-style-type: none">• Writing the scripts in Auto IT framework.• Scripting in Drive master for SATA conformance test.• TCG suite protocol execution on Drive master setup• Platform Validation on 2nd tier Platform i.e. Asus and Dell• Dev Sleep

Employer	Seagate Technology Private Ltd
Products	SATA SSD
Software/Languages	C, Shell scripting, Perforce, Jira
Hardware/Platform	STX, SerialTek SATA tracer, Windows, Ubuntu
Period	August-2016 to February 2018
Description	This project involves Qualifying Enterprise grade SATA Solid state drives
Responsibilities	<ul style="list-style-type: none">• Writing TDS (Test design specifications) documents for SATA specification.• Scripting the TDS in C language.• Review the scripts and TDS written by Team members.• Performing failure analysis on the failed Scripts. And fixing scripts or raising Jira.• Protocol and command compliance and qualification with Drive Master.• Working on NAF (Nytro automation framework) to make System testing fully automatic.

Employer	Broadcom Private Ltd
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Products	LSI 3108 Controllers
Software/Languages	C, C++
Hardware/Platform	Windows, Linux
Period	May-2015 to August-2016
Description	The Storage Command Line Tool (StorCli) is the command management software designed for the Mega Raid Product line.
Responsibilities	<ul style="list-style-type: none"> • Bug fix • Implementation of PR • Unit Testing

Employer	LSI R&D Private Ltd
Products	LSI 3108 Controllers
Software/Languages	C
Hardware/Platform	Windows
Period	October-2013 to October-2014
Description	The Mega Raid 3108 Controller support 3rd generation small computer interface (SCSI),
Responsibilities	<ul style="list-style-type: none"> • Bug Fix • Unit testing • Build and Release of RAID Controller firmware.

Personal Details

Date of Birth	10 th August 1988
Nationality	Indian
Relationship	Married
Mobile	7795304096
e-mail	abdulnabi23@gmail.com

Passport Details

Name as on passport	Relationship	Passport Number	Date of Issue	Expiry Date	Place of Issue
Abdul Nabi	INDIAN	J1386956	30JULY2010	29JULY2020	Bangalore