

# DIJU BORO

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## EDUCATION

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MOOC Courses: Machine Learning, Deep Learning, Andrew Ng, Stanford University, from **Coursera**.  
Probability 101, Harvard University, Python

B. Tech (**Electrical Engineering**) from **Malviya National Institute of Technology**, Jaipur  
(Formerly MREC, Jaipur) University of Rajasthan, 2001  
Senior secondary - Cotton College, 1997  
Higher secondary- Assam Board (SEBA) with 68.90% , 1995

CAT Score: 91%ile 2008

## JOB EXPERIENCE

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### **ENDEAVOR CAREERS, KOLKATA, 2016 JANUARY – PRESENT**

Taking classes for Quantitative Aptitude portion of GRE, GMAT, SAT, other Indian National level Examinations. CLAT Classes  
Successfully coached more than 500 students and have placed many students in India and many US Universities.

### **THE CHOPRA'S/ KAPLAN, WORLDWIN, EDUWEST, KOLKATA.**

Worked as part-time faculty member for Quant portion of GMAT GRE SAT.

### **THE CHOPRAS/ KAPLAN, QUANT FACULTY, NOV 2014 – NOV 2015**

Worked as a faculty member for Quant portion of GMAT GRE SAT.

### **JAN 2004 – AUG 2013, SENIOR SOFTWARE ENGINEER/ TRAINER, SAKRI IT SOLUTIONS/ APPOTECH**

Develop firmware applications for consumer electronic products on MCUs using C and Assembly Language. Applications for 8-bit microcontrollers of Appotech IC's  
AX2021 8-Bit CMOS Microcontroller

**Description of a recent project:** The AX2021 is a line of 8051-compatible, the digital peripherals include UART, EMI, and SPI interfaces, four timers, a USB 2.0 full-speed host/device controller, and an MP3 decoder engine. The analog peripherals include an RC oscillator, crystal oscillator, DAC, ADC, PLL, brown-out protection, Power Gate, and low-dropout regulator. Instruction throughput is up to 48 MIPS, with all instructions single-cycle except program branches. The USB 2.0 host/device controller FIFO is shared with instruction RAM. It supports full-speed USB 2.0. The MP3 Decoder Engine can decode MPEG-1, MPEG-2, MPEG-2.5 Audio Layer 1, 2, 3 decoder under 24 MHz.

Programming Language: C

Tools: IAR Embedded Workbench for MCS-51 V7.20H

Hardware: 8051 MCU

**Firmware testing** for HP products, mainly into MFP's over network

➤ Executing Test Cases, Types of Testing, Bug tracking and reporting, Knowledge of SDLC, STLC, Test Planning

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- Requirement Analysis, Manual Testing, Technical Documentation
  - Performing various type of testing related to product like Functional testing, Smoke, Performance, Exploratory etc.
  - Conducting sessions on newly identified Bugs and difficult topics
  - Responsible for assigning work to the team in the absence of the lead.

1.	<p><b>Project Name</b> : H P (<i>Firmware testing</i>)</p> <p><b>Client</b> : Hewlett Packard</p> <p><b>Team Size</b> : 20</p> <p><b>Summary</b> : Firmware is the Software which is embedded into the MFP, (Multi functional peripheral) a HP product .This is used for performing various operations like Fax, E-mail, Scan, Copy etc .I worked on CPE 6, CPE 7, &amp; CPE 8 Releases of the firmware. Various servers such as Sun One, Active Directory, Linux, Microsoft Exchange Servers, Fax Servers, SMTP Servers, VMRE servers are used to test the firmware.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>➤ Security testing (Authentication, Authorization using LDAP, Kerberos and other servers).</li> <li>➤ Writing Test Issue for the Test Cases that show some inconsistency.</li> <li>➤ Finding bugs and Secondary Defects (Abnormal behavior by the MFP which is a part of observation during the test).</li> <li>➤ Writing Defect Logs.</li> <li>➤ Reviewing Test cases along with the lead.</li> </ul>
2.	<p><b>Project Name</b> : Digital send Service</p> <p><b>Client</b> : Hewlett Packard</p> <p><b>Team Size</b> : 10</p> <p><b>Summary</b> : DSS (Digital sending Service) is HP tool. DSS is the tool which is used to access the MFP with in the network .This is a highly sophisticated tool through which multiple MFP's are accessed at a time.</p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>➤ Requirement Analysis, Design Analysis, Manual Testing, Technical Documentation</li> <li>➤ Test Case review and creation of Review Log.</li> <li>➤ Involved in the Functional Testing, System Testing and Regression Testing.</li> <li>➤ Reporting and Verifying Bugs using ATMS bug tracking tool.</li> </ul>

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## PERSONAL DETAILS

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**Languages:** English, Hindi, Assamese, Bengali.