Shovon Paulinus Rozario

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| **Education** | **BRAC University**  B.Sc. in Computer Science and Engineering | Dhaka  January, 2015 |
|  | Relevant courses: Data Structures, Algorithms, Object-oriented Programming, Database, Operating Systems, Compiler, System Analysis and Design, Software Engineering, Artificial Intelligence, Networks  Thesis: 'Krishokbondhu - An automated system for diagnosis of paddy disease' | |
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|  | **Notre Dame College**  Higher Secondary Certificate; GPA: 5 | Dhaka  2009 |
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|  | **St. Joseph Higher Secondary School**  Secondary School Certificate; GPA: 5 with distinction | Dhaka  2007 |

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| **Skills** | **Technical:** Java, MySQL, HTML, CSS, C#, PHP, JavaScript, UML  **Framework:** CodeIgniter  **Design Pattern:** MVC  **Libraries:** AForge.NET and Emgu CV image processing library, Nokia imaging SDK  **Reports:** JasperReports  **Tools:** NetBeans, Eclipse, Jaspersoft Studio, Visual Studio, Adobe Dreamweaver, Adobe Photoshop, Adobe Illustrator, Microsoft Office, Eucalyptus private cloud, Prezi, Git  **Operating Systems:** Windows (8.1, 8, 7, Vista), CentOS  **Language:** Bengali (native), English (professional), Japanese (intermediate), French (elementary)  **Other:** Project based research, system analysis and design, presentation |

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| **Work**  **Experience** | **Team Engine Ltd**  Deputy Head, Dept. of Research & Development | Dhaka  January 2013 – March 2014 |
|  | * Designed and developed internal web development projects (campaign sites, data management application, online book reader etc) * Managed research projects (data collection for survey) * Maintained company hosting servers | |

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|  | **Team Engine Ltd**  Executive, Dept. of Research & Development | Dhaka  August 2011 – December 2012 |
|  | * Coordinated research projects (data collection for survey) * Compiled and maintained internal research and survey database | |

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| **Volunteer**  **Experience** | **Khan Academy**  Translator | December 2013 – November 2014 |
|  | * Translate Khan Academy website contents from English to Bengali | |

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|  | **Kaan Pete Roi**  Volunteer | March 2013 – June 2014 |
|  | * Received calls from distressed people to protect them from their suicidal tendency | |

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|  | **Microsoft**  Student Partner | July 2013 – June 2014 |
|  | * Participated in training programs and provided support to students on using Microsoft technology | |

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|  | **Notre Dame English Club**  President | January 2008 – December 2009 |
|  | * Developed strategies and plans for annual club events and training sessions * Led promotional activities resulting in 60% rise of members for the club | |

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| **Projects** | **Machine learning based paddy disease recognition** |
|  | Conducted research, analyzed and designed system based on the research findings, programmed a desktop application and a mobile application based solution.  Technology: C#, MySQL, Nokia Imaging SDK, AForge.NET and Emgu CV image processing library |

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|  | **Machine vision based employee activity analysis** |
|  | Designed and developed the web application for the research project.  Technology: HTML, CSS, PHP, MySQL |

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| **Honors &**  **Awards** | * 6th position, Bangladesh IT Talent Contest-2014 (organized by Bangla Business Partners Japan and Daffodil Institute of IT) * Deans Certificate, BRAC University (Spring 2010, Summer 2010) * Lifetime Membership Award, Notre Dame English Club |

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| **Trainings** | **Java Fundamentals**  IAC, Bangladesh University of Engineering and Technology and DJIT  [**CCNA Exploration: Network Fundamentals**](https://www.linkedin.com/vsearch/p?keywords=CCNA+Exploration%3A+Network+Fundamentals)  [Cisco Networking Academy](https://www.linkedin.com/vsearch/p?company=Cisco+Networking+Academy&trk=prof-search-certification-org_name)  [**Android Mobile Application Development**](https://www.linkedin.com/vsearch/p?keywords=Android+Mobile+Application+Development)  [Ministry of Information & Communication Technology (MoICT), Bangladesh](https://www.linkedin.com/vsearch/p?company=Ministry+of+Information+%26+Communication+Technology+%28MoICT%29%2C+Bangladesh&trk=prof-search-certification-org_name) |

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| **Publications** | 1. Md. Zahangir Alom, Nabil Tahmidul Karim, Shovon Paulinus Rozario, Md. Rezwanul Hoque, Md. Rumman Bin Ashraf, Saikat Lawrence Rozario. "Computer Vision Based Employee Activities Analysis". International Journal of Computer and Information Technology (IJCIT) (2014) (ISSN: 2279 – 0764) Volume: 3, Issue: 5 |