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## SREEJOY HALDER

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### EMPLOYMENT

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<b>Software Engineer</b>	<b>Automation Solutionz</b>	<b>April 2016 – Current</b>
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- Designed and implemented a high level programming language with Python for running automation scripts
- Implemented group chat feature with jQuery that helped teams communicate with clients easily
- Reduced time to render the user's test step list by 75% by implementing indexing in PostgreSQL tables
- Implemented scheduler with Python which resulted in a 150% increase in the no. of bugs found by the testers
- Planned and implemented debug feature with Django resulting in a 300% increase in the tester's efficiency
- Redesigned node with Python to make test instructions simpler resulting in a 200% increase in customer base
- Converted important parts of the Python node to Java to support Java based clients

### EDUCATION

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<b>Dhaka, Bangladesh</b>	<b>Bangladesh University of Engineering and Technology</b>	<b>March 2011 – March 2016</b>
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- B.Sc. in Computer Science and Engineering with Major in Artificial Intelligence, GPA: 3.4
- Undergraduate Coursework: Artificial Intelligence; Machine Learning; Operating Systems; Databases; Data Structures; Algorithms; Programming Languages; Computer Architecture; Computer Networks; Compiler

### TECHNICAL EXPERIENCE

#### Projects

- **Online Shopping App**(2018). Online shopping app that helps user search and buy cosmetics from Kosmetica. ([Video](#)) Android, Java, SQLite, Django, Python
- **Max Sum - Number Puzzle**(2018). A brain teasing unique puzzle game with 1000 level. ([Link](#)) Android, Java
- **CrawlerFriend**(2018). Light-weight web crawler python module. ([Link](#)) Python
- **News Publishing Site**(2018). News publishing site where publishers can post news and readers can read it. ([Link](#)) Django ORM, Python, SQLite
- **Twitter Summary App**(2016). Web app that finds public twitter id's most frequent time of the day and most frequent hashtags. ([Link](#)) PHP, JSON
- **Blood Donation Management System**(2015). Website that helps users to find blood donors. PHP, MySQL
- **Traffic Management System**(2015). Android app that shows live traffic data using Google Map API. Android
- **Document Manager**(2014). Document manager that helps users upload and download files and folders. Java
- **Sudoku Solver**(2013). Application where users can play sudoku or get solution of any sudoku. Java

### PROGRAMMING AND AWARDS

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- **Competitive Programming:** Hackerrank Contest Rating 1882 (In Top 7%) ([Link](#))
  - **Competitive Programming:** Codechef Contest Rating 1557 ([Link](#))
  - **Fourth Prize, Thesis Poster Presentation:** Awarded 4<sup>th</sup> prize for Undergraduate Thesis Poster Presentation on Simultaneous Geometric Embedding of Planar Graphs([Link](#)), out of 60 posters

### LANGUAGES AND TECHNOLOGIES

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- C++; C; Java; Python; Android; Django; JavaScript; jQuery; SQL; PostgreSQL; SQLite; Cassandra; Redis; Tensorflow
  - Eclipse; Pycharm; Android Studio; Visual Studio; Microsoft SQL Server; PgAdmin; Codeblocks