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| GOURAB  SARKAR | # 175, Green Glen Layout, Bellandur, Bengaluru, Karnataka – 560103.  (+91) - 9674022054  gourabsarkar.x@gmail.com  https://linkedin.com/in/gourabs9/  https://github.com/GourabIX |

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|  | **summary** |

I am an energetic & creative Software developer with focus on developing robust, scalable & maintainable code. Successfully enhanced Intel’s internal build systems integrity and efficiency. Also contributed to code-efficiency & reliability of Intel’s Bluetooth Firmware validation tool. An enthusiastic team player, quick learner and critical thinker, with strong debugging skills and a likeness for new & innovative challenges is in my opinion, what gives me an edge.

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|  | ACADEMICS |

## B.TECH. / B.E. | TECHNO INDIA – BATANAGAR

### ELectronics & communication engineering – 8.29 cgpa **|** Aug ’15 – JUN ‘19

## HIGHER SECONDARY | BALLYGUNGE GOVT. HIGH SCHOOL

### WBCHSE (Science) – 71.2% **|** 2012 – 2014

## SECONDARY | HARTLEY HIGHER SECONDARY SCHOOL

### WBBSE – 86.14% **|** GRADUATED: 2012

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|  | Experience |

## SOFTWARE DEVELOPMENT INTERN | INTEL CORPORATION

### August 29th, 2018 – JUNE 28th, 2019

* Increased efficiency of Intel’s Jenkins build systems with the development of an end to end automatic build verification system written in **Perl**, tuned to diverse configurations, with high maintainability & customizability. [***Received recognition for the same.***]
* Ensured tamper-proof integrity in builds with a Certification Reporter & Verifier system written in **Perl** for mission-critical files.
* Slashed Intel’s Bluetooth Firmware validation tool bugs by reconfiguring several parts of the existing codebase and integrating new modules written in **Python**. [***Received recognition: “Product Quality Excellence - BTCORE”.***]
* Increased efficiency of Intel’s Bluetooth Firmware validation tool while implementing & validating usage scenarios of Bluetooth BR/EDR and LE functionalities with **Python** scripts.
* Reduced code complexity & length of code to be written in context of Intel’s Bluetooth BR/EDR & LE Firmware validation tool by almost 55% with multiple APIs designed in **Python**.

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|  | Skills |

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| * C and C++ * Python * Perl | * Linux systems * Data Structures & Algorithms * DBMS |

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|  | PROJECTS UNDERTAKEN |

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| *Name of Institute / Organization* | *Project Title* |
| Self | *Shellpad: A console-based note creation & management utility developed in Visual C++ 17. Hosted online at:*  <https://github.com/GourabIX/Shellpad> |
| Self | *PassMaester*: Secure Password Generator & Manager written in Python 3.7. Hosted online at: <https://github.com/GourabIX/PassMaester> |
| Self | *Logarithm calculator for arbitrary bases:* Built on C++14 for Windows, Linux & Unix. Hosted online at:  <https://github.com/GourabIX/log_base_n_calculator> |
| Self | *Sanctum Nine:* Technical Blog at [sanctum9.wordpress.com](https://sanctum9.wordpress.com/) |
| Techno India – Batanagar | RFID Based Car Parking System with auto-finance facilities |

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|  | TRAININGS |

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| *Name of Institute / Organization* | *Title* |
| Lynda.com (LinkedIn Learning) | C++ Essential Training |
| Lynda.com (LinkedIn Learning) | Python: Programming Efficiently |
| Lynda.com (LinkedIn Learning) | Programming Foundations: Algorithms |
| Lynda.com (LinkedIn Learning) | Perl 5 Essentials Course |
| Lynda.com (LinkedIn Learning) | Artificial Intelligence Foundations Course |
| OAASA Technologies | Database Management System (DBMS) using Oracle |

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|  | achievements |

* Received Recognition: “Product Quality Excellence - BTCORE”, from Intel Corp.
* Received recognition for “End-to-End Automatic Build Verification System” from Intel Corp.
* Received Certificate of Diligence from Hartley Higher Secondary School.
* Ranked 2nd in Annual PowerPoint Presentation competition at Techno India – Batanagar.