|  |  |
| --- | --- |
| GOURAB  SARKAR | # 175, Green Glen Layout, Bellandur, Bengaluru, Karnataka – 560103.  (+91) - 9674022054  gourabsarkar.x@gmail.com  www.linkedin.com/in/gourabs9  https://sanctum9.wordpress.com |

|  |  |
| --- | --- |
|  | **summary** |

Energetic & creative Software developer with focus on developing robust, scalable & maintainable code. Enhanced Intel’s internal build systems efficiency by 65%. Increased code-efficiency & reliability of Intel’s Bluetooth Firmware validation tool by 50%. 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.

|  |  |
| --- | --- |
|  | ACADEMICS |

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

### ELectronics & communication engineering – 8.21 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

|  |  |
| --- | --- |
|  | Experience |

## SOFTWARE DEVELOPMENT INTERN | INTEL CORPORATION

### August 29th, 2018 – present

* Increased efficiency of Intel’s Jenkins build systems by over 65% with the development of a scalable, end to end automatic build verification system written in Perl, tuned to diverse configurations, with high maintainability & customizability.
* Ensured tamper-proof integrity in 90%+ builds with a Certification Reporter & Verifier system written in Perl for mission-critical files.
* Slashed Intel’s Bluetooth Firmware validation tool bugs by about 35% by reconfiguring several parts of the existing codebase and integrating new modules written in Python.
* Increased efficiency of Intel’s Bluetooth Firmware validation tool by 60% 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 55% with multiple APIs designed in Python.

|  |  |
| --- | --- |
|  | Skills |

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

|  |  |
| --- | --- |
|  | PROJECTS UNDERTAKEN |

|  |  |  |
| --- | --- | --- |
| Name of Institute / Organization | Project Title | Duration |
| Self | Technical Blog at <https://sanctum9.wordpress.com/> | 2 days in creation. Blog is updated periodically. |
| Self | Secure Password Generator & Manager with AES256-CBC encryption. Hosted at: <https://github.com/GourabIX/auth_manager> | 3 days. In continuous development. |
| National Small Industries Corp. Technical Services Centre | Wi-Fi Digital Data Communication | 18 days. |
| Techno India – Batanagar | RFID Based Car Parking System with auto-finance facilities | In progress. |
|  | trainings | | | |

|  |  |
| --- | --- |
| Name of Institute / Organization | Title |
| Lynda.com (LinkedIn Learning) | Perl 5 Essentials Course |
| Lynda.com (LinkedIn Learning) | Artificial Intelligence Foundations Course |
| Prasar Bharati, All India Radio (Kolkata) | Vocational Training |
| OAASA Technologies | Database Management System (DBMS) using Oracle |
| WebTek Labs | MATLAB |
|  | ACHIEVEMENTS | | |

* Received recognition: “Product Quality Excellence - BTCORE” while working at Intel’s Bluetooth Firmware Validation Team.
* Received recognition for successfully developing & integrating “Automatic end-to-end Build Verification System” while working at Intel’s Bluetooth Core Products team.
* Received Certificate of Diligence from Hartley Higher Secondary School.
* Co-founded “Heritage Club” at Hartley Higher Secondary School.
* Ranked 2nd in PowerPoint Presentation competition at Techno India – Batanagar.

Thank you for taking the time to read and consider this application. It is a summary of my journey and experience, so please do reach out if you have any queries.