
GOURAB SARKAR

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Software Engineer

Summary

I am an energetic & creative Software developer with focus on developing robust & maintainable code. I have enhanced Intel's internal Bluetooth build systems back-end integrity and also contributed to code-efficiency & reliability of Intel's Bluetooth Firmware validation tool. Recently, I am working on a Full Stack Java project for a modern Job Services web application designed to eliminate job fraud. 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.

Work experience

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| Aug 2019 - Present | Associate Full Stack Software Engineer
<i>Zensar Technologies, Pune</i>
Worked on Full Stack development and led a team of 7 for a modern Job services web application. |
| Aug 2018 - June 2019 | Software Development Intern
<i>Intel Corporation, Bengaluru</i>
Worked on Intel's Bluetooth Firmware Validation Tool and Intel's Build Systems backend. |

Skills and Portfolio

Full Stack Java and DBMS

Worked on the full stack development of a Job services web application designed to eliminate Job fraud. Used MySQL, Java, Hibernate, Spring boot, Restful Web Services and Angular as the primary Tech-stack.

C and C++

- *Shellpad*: A console-based note creation & management utility developed in Visual C++ 17. Hosted online at: <https://github.com/GourabIX/Shellpad>
- *Logarithm calculator for arbitrary bases*: Built on C++14 for Windows, Linux & Unix. Hosted online at: https://github.com/GourabIX/log_base_n_calculator

Python

- Worked on Intel's Bluetooth Firmware Validation tool to incorporate several BLE usage scenarios and also enhance simplicity of the tool for testers.
- *PassMaester*: Secure Password Generator & Manager written in Python 3.7. Hosted online at: <https://github.com/GourabIX/PassMaester>

Perl

- Worked on an E2E Build Verification and Integrity Protection System for Intel Corporation.
- Ensured tamper-proof integrity in builds with a Certification Reporter & Verifier system written for mission-critical files.

- Linux Systems
- Web Development
- Data Structures and Algorithms.
- Final Year Project: RFID Based Car Parking System with auto-finance facilities.
- *Sanctum Nine* (Technical Blog): Live at <https://sanctum9.wordpress.com>

Education

2015 - 2019 B.Tech in Electronics & Communication Engineering
Techno India - Batanagar (under MAKAUT, WB)
DGPA: 8.39

Recognitions

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

Trainings

- Full Stack Java Development and related technologies from Zensar Technologies, Pune
- C++ Essential Training from LinkedIn Learning (Lynda.com)
- Python: Programming Efficiently from LinkedIn Learning (Lynda.com)
- Perl 5 Essentials Course from LinkedIn Learning (Lynda.com)
- Artificial Intelligence Foundations Course from LinkedIn Learning (Lynda.com)
- Machine Learning from Coursera
- Database Management System (DBMS) using Oracle from OAASA Technologies, Kolkata

Contact and Online Presence

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