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 Bluetooth build systems back-end and contributed to Intel's Bluetooth Firmware validation tool. Recently, I am working on and leading a team of 7 for a Full Stack Java project on 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

Aug 2019 - Present

Associate Full Stack Software Engineer

Zensar Technologies, Pune

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

Intel Corporation, Bengaluru

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 BREDR / 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.

Miscellaneous
- Linux Systems and Shell scripting
- 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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