GOURAB SARKAR

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Full Stack Software Engineer

Summary

Energetic & creative Software developer with focus on developing robust & maintainable code. Enhanced Intel's Bluetooth build systems back-end and contributed to Intel's Bluetooth Firmware validation tool. Currently, I've been actively involved in Full-Stack Java projects with Spring Boot & Angular. An enthusiastic collaborator, adaptive learner and critical thinker, with strong debugging skills and a likeness for new & innovative challenges is what gives me an edge.

Work Experience

Aug 2019 – Present	Associate Full Stack Software Engineer
	Zensar Technologies, Pune
	Working with multiple Java Full-Stack projects with Spring Boot & Angular being the primary components of the tech-stack among several others.
Aug 2018 – Jun 2019	Software Development Intern
	Intel Corporation, Bengaluru
	Worked on Intel's Bluetooth Firmware Validation Tool and Intel's Build Systems back-end.

Skills & Portfolio

Full Stack Java	Worked on the Full-Stack development of multiple modern web applications. 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. Available online at: github.com/GourabIX/Shellpad
	Logarithm calculator for arbitrary bases: Developed with C++14 for Windows & Linux. Available online at: https://github.com/GourabIX/log_base_n_calculator
Python	Worked on Intel's Bluetooth Firmware Validation tool to incorporate 47 new BREDR / BLE usage scenarios and enhance simplicity of the tool for testers.
	PassMaester: Secure Password Generator & Manager written in Python 3.7. Available online at: https://github.com/GourabIX/PassMaester

Perl	Worked on an E2E (end-to-end) Build Verification and Integrity Protection System for Intel Corporation.
	Ensured tamper-proof integrity in builds with a Certification Reporter & Verifier system 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 multiple Merit Awards from Techno India - Batanagar for overall academic performance.

Trainings

- Go Java Full Stack with Spring Boot and Angular from Udemy
- 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

- LinkedIn: https://www.linkedin.com/in/gourabs9/
- GitHub: https://github.com/GourabIX
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