
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

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| 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

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| 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++ | <i>Shellpad</i> : A console-based note creation & management utility developed in Visual C++ 17. Available online at: github.com/GourabIX/Shellpad <i>Logarithm calculator for arbitrary bases</i> : 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. <i>PassMaester</i> : Secure Password Generator & Manager written in Python 3.7. Available online at: https://github.com/GourabIX/PassMaester |

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| Perl | <p>Worked on an E2E (end-to-end) Build Verification and Integrity Protection System for Intel Corporation.</p> <p>Ensured tamper-proof integrity in builds with a Certification Reporter & Verifier system for mission-critical files.</p> |
| Miscellaneous | <p>Linux Systems and Shell scripting.</p> <p>Data Structures and Algorithms.</p> <p><i>Final Year Project:</i> RFID Based Car Parking System with auto-finance facilities.</p> <p><i>Sanctum Nine</i> (Technical Blog): Live at https://sanctum9.wordpress.com</p> |

Education

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| 2015 – 2019 | <p>B.Tech in Electronics & Communication Engineering</p> <p>Techno India - Batanagar (under MAKAUT, WB)</p> <p>DGPA: 8.39</p> |
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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

- 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/>
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