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# GOURAB SARKAR

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## Full Stack Software Engineer

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### 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. Recently, I am working on and leading a team of 6 for a Full Stack Java project on a modern Job Services web application designed to eliminate job fraud. 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.

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### Work Experience

Aug 2019 – Present	Associate Full Stack Software Engineer Zensar Technologies, Pune Worked on Full Stack development and led a team of 6 for a modern Job services web application.
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.

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### Skills & Portfolio

Full Stack Java	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++	<i>Shellpad</i> : A console-based note creation & management utility developed in Visual C++ 17. Available online at: <a href="https://github.com/GourabIX/Shellpad">github.com/GourabIX/Shellpad</a> <i>Logarithm calculator for arbitrary bases</i> : Developed with C++14 for Windows & Linux. Available online at: <a href="https://github.com/GourabIX/log_base_n_calculator">https://github.com/GourabIX/log_base_n_calculator</a>
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: <a href="https://github.com/GourabIX/PassMaester">https://github.com/GourabIX/PassMaester</a>

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 &amp; 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 <a href="https://sanctum9.wordpress.com">https://sanctum9.wordpress.com</a></p>

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## Education

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

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- 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.

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## Trainings

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- 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

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## Contact and Online Presence

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- GitHub: <https://github.com/GourabIX>
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