Kolkata, West Bengal

GOURAB SARKAR

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SUMMARY

I am an energetic, creative & passionate Software developer with focus on developing robust & maintainable applications. Enhanced Intel's Bluetooth build systems back-end and contributed to Intel's Bluetooth Firmware validation tool. Developed a Java RESTful Web services project for the World Intellectual Property Organization (WIPO), which was deployed to the AWS Cloud Services. Critical thinking, a likeness for new & innovative challenges and strong debugging skills help me in delivering the best version of applications.

WORK EXPERIENCE

Zensar Technologies | Software Engineer | August 2019 - Present

- Worked as a Java web application developer to develop & design an efficient, high performance cloud-based RESTful Web Services project for the World Intellectual Property Organization (WIPO).
- Designed and developed multiple AWS Java projects in conjunction with multiple AWS services such as AWS Lambda, AWS DynamoDB and AWS API Gateway.
- Worked as a Java web application developer to develop an in-house web application that would store integrated & display detailed reports for all of the running tasks across multiple projects. Security features were implemented keeping account requirements in focus.

Intel Corporation | Software Development Intern | August 2018 - June 2019

- Extensively worked on Intel's Bluetooth Firmware Validation tool by re-configuring several parts of the existing codebase and integrating new modules written in Python. Implemented & validated several usage scenarios of Bluetooth BR/EDR and LE functionalities.
- Designed & Developed an end to end automatic build verification system written in Perl, tuned to diverse configurations, with high maintainability & customizability.

EDUCATION

B.Tech in Electronics & Communication Engineering | 2015 - 2019

University: Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB)

Institute: Techno India - Batanagar

GPA: 8.39

SIDE PROJECTS

Todoer - Manage tasks, take notes and even backup & share files

A fully featured Task Management app, completely integrated with other productivity features such as Note-taking (Markdown supported), Sticky notes and easy single-click file sharing. Built with Java, Spring Boot, MySQL, Hibernate, RESTful Web Services, Angular 8, JavaScript and Bootstrap 4.

Savings Tracker - Track, plan and manage expenses

An expense and earnings tracking web application, designed to be simple and concise, while including detailed statistics about each transaction, and maintaining a friendly, responsive user experience. Hosted online at: GourabIX/Savings Tracker - GitHub.

PassMaester - Secure Password Generator & Manager with AES256-CBC encryption

Generates cryptographically secure passwords using a special in-house algorithm, and securely stores and manages them for you. Console application written in Python 3.7. Available online at: GourabIX/PassMaester - GitHub.

RECOGNITIONS & AWARDS

- Received the prestigious "Rising Star" award from Zensar based on delivery excellence in FY 2020-2021.
- Received recognition: "Product Quality Excellence - BTCORE" from Intel Corporation.
- Received recognition for "End-to-End Automatic Build Verification System" from Intel Corporation.
- Received multiple client appreciations for end-to-end application performance from the client (World Intellectual Property Organization) while working at Zensar Technologies.
- Received multiple awards from Institute for academic merit and overall performance.

LANGUAGES & TECHNOLOGIES

Backend	Java, Spring Boot, Hibernate, EclipseLink, JPA, RESTful Web Services, Spring REST Docs, Spring Microservices, Spring Security
Frontend	Angular 8, HTML5, CSS3, JavaScript, TypeScript
Database	MySQL, Oracle, PostgreSQL, AWS DynamoDB
Cloud	AWS (Amazon Web Services)
Tools	Git, GitHub, GitLab, JIRA, Swagger, Apache Velocity Engine

CERTIFICATIONS

- Full Stack Java Development and related technologies from Zensar Technologies, Pune
- Java (Basic) and Java (Intermediate) skill assessment from HackerRank
- Python (Basic) skill assessment from HackerRank
- Go Java Full Stack with Spring Boot and Angular from Udemy
- Master Microservices with Spring Boot and Spring Cloud from Udemy