

Bangalore, India  
PIN - 560029

# Bitan Mondal

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## EMPLOYMENT

Associate Software Engineer	Accenture	November 2018 - Present
<ul style="list-style-type: none"><li>Developed a report generating tool using Web Scrapping concept to scrape through an internal website to automate the generation of reports of a hardware utilization tool. It saves daily 1 hour of manual effort.</li><li>Contributed to developing a web application for monitoring and maintaining the data of Insurance policies of the North American region.</li><li>Worked as a part of the International Team for a few months, handling the Brazil division. Extended the services provided through Continuous Improvement/Continuous Delivery (CI/CD) from India to Brazil that gave average revenue of \$100 per application interface.</li><li>Optimized a huge amount of data using SQL techniques to increase data performance by 30%.</li></ul>		

## LANGUAGES AND TECHNOLOGIES

- Programming Languages – C++, Python, Java, HTML, CSS, JavaScript (Basics)
- Operating System – Windows, Linux
- Database – MySQL, Oracle Database, Microsoft SQL Server, PostgreSQL
- Frameworks and tools – Visual Studio Code, Eclipse, Spring, Jenkins
- Others – GitHub, Git

## EDUCATION

Kolkata, India	Hooghly Engineering and Technology College	August 14 - June 18
<b>B.Tech. in Electronics &amp; Communication Engineering. CGPA: 7.43</b> Main coursework: Data Structures, Design and Analysis of Algorithms, Database Systems and Software Engineering.		

## PERSONAL PROJECT

- Inventory Management System:** Developed an Inventory Management System using Python and implemented the Factory Design Pattern to build the system. Used MySQL Database to manage stock data efficiently for persistent storage.
  - (Github: <https://github.com/bitamondal/InventoryManagementSystem>)
- Web Scraper:** Developed a Web Scraper using Python and web scrapping to check for prices of items and send an alert using email services.
  - (GitHub: <https://github.com/bitamondal/Price-Checker>)
- Password Manager:** Developed a Password Manager using Java and used Oracle database to manage stored passwords effectively.
  - (GitHub: <https://github.com/bitamondal/PasswordManager>)

## ACHIEVEMENTS AND RESPONSIBILITIES

- Got Excellence Award in 2019 (Accenture), given for extraordinary contribution for Innovation Contest.
- Got Star Award (Accenture) for introducing Continuous Improvement/Continuous Delivery for seamless delivery.
- Participated in Hour of Code for children to teach coding under the Corporate Citizenship Journey.