

Bangalore, India  
PIN - 560029

# Bitan Mondal

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## EMPLOYMENT

Software Engineer	Accenture	November 2018 - Present
<ul style="list-style-type: none"><li>Contributed to developing a web application for monitoring and maintaining the data of Insurance policies of the North American region. [Nov 18 – Feb 21]</li><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. [Jan 20 – Mar 20]</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. [Jun 19 – Dec 19]</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, JavaScript(Basics)
- Operating System – Windows, Linux
- Database – MySQL, Oracle Database, PostgreSQL
- Frameworks and tools – Visual Studio Code, Vim , Django, Docker
- Others – Git, GitHub

## EDUCATION

Kolkata, India	Hooghly Engineering and Technology College	August 14 - June 18
<b>B.Tech. in Electronics &amp; Communication Engineering. CGPA: 7.43</b> <ul style="list-style-type: none"><li>Main coursework: Data Structures, Design and Analysis of Algorithms, Database Systems, Operating Systems, Networks and Software Engineering.</li></ul>		

## PERSONAL PROJECT

- Weather Application:** Developed a Weather Application which shows the weather of any location and used OpenWeatherMap API for providing a wide variety of weather data, forecasts, and alerts.
  - Technologies Used: C++, JSON, HTTP Client
- Inventory Management System:** Developed an Inventory Management System for e-commerce business and implemented the Factory Design Pattern to build the system. Used MySQL Database to manage stock data efficiently for persistent storage.
  - Technologies Used: Python, MySQL Database
- Web Scrapper:** Developed a Web Scraper using Python and web scrapping to check for prices of items and send an alert using email services.
  - Technologies Used: Python, Web Scrapping and Browser Automation(Beautiful Soup)

## ACHIEVEMENTS AND RESPONSIBILITIES

- Got Excellence Award in 2019 (Accenture), given for extraordinary contribution to Technological Innovation.
- Secured 2 Bronze medals in the Online HackerRank Competitive Coding contest.
- Awarded 70th rank among 900 participants in Code Apocalypse, Online HackerEarth Competitive Coding contest.