# Sidharth Panda

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**EDUCATION**

* **University of North Carolina at Charlotte, Charlotte, NC** Aug 2019 – May 2021

Master of Science in Computer Science **(GPA: 4.0/4.0)**

Relevant Coursework – Algorithms, Mobile application Development, Data Science, Network-Based Application Development

* **Institute of Technical Education and Research, Odisha, India**  July 2009 – May 2013

Bachelor of Technology in Information Technology **(GPA: 3.7/4.0)**

Relevant Coursework- RDBMS, Java, Algorithms, Data Structures, Software Eng., Computer Networks

**TECHNICAL SKILLS**

* **Programming Languages:** Python, Java, HTML5, CSS, Linux Bash Script, JavaScript, Node.js
* **Libraries:** Pytest, Scikit-Learn, Pandas, NumPy
* **Tools & IDEs:**Jupyter Notebook, PyCharm, Git, Android Studio, Vim, WebStorm, Selenium
* **Databases & Servers:**AWS, MySQL, MongoDB, Tomcat 8, Apache Server, Oracle, Docker, GCP
* **Soft Skills**:Self Starter, Proficient, Team Oriented, Goal Oriented, Communication Skills, Good Work Ethic

**TECHNICAL EXPERIENCE**

**Tata Consultancy Services**, Mumbai, India - Business Process Lead Oct 2017 – July 2019

* **Led a team of 10** – responsible for project deliverables, workstream allocation and training of team members implementing Agile and DevOps methodologies
* Developed **python** **scripts on Oracle HTTP Unix server** to automate production deployment **improving efficiency 30%**
* **Slashed the query execution time by 80%** throughimplementing **functional Index and SQL Subqueries** in the production database
* **Re-engineered data parsing** which resulted in **60%** more transactions per day
* Developed and deployed **RESTful APIs** for different tax modules

**Infosys Limited**, Pune, India - Technology Analyst Aug 2016 – Sept 2017

* Lead the Campaign Pro project to build efficient campaigns using CampaignPro tool for **TNT/FedEx** that took **25% less time to execute**
* Handled client interaction for a specific business tool as a Database Analyst and POC
* Automated the Campaigns to provide results at the end of cycle using CampaignPro tool

**Capgemini**, Pune, India - Associate Consultant Jun 2013 – Aug 2016

* Managed end-to-end development cycle encompassing requirement analysis, functional studies, application design, and development estimations using **Agile methodologies**.
* Developed a Reconciliation Batch process which could read thousands of records from the database using **SQL queries reducing the overall time consumed by 20%**
* Developed credit scoring models using C++ for various financial entities

**RELEVANT PROJECTS**

* Meetup**/**Connection Site: Implemented frontend technologies like **Node.js, JavaScript, HTML5**, **Bootstrap, MongoDB** and **CSS** to create a dynamic web application - https://github.com/panda002/MeetYourMind
* Personal Portfolio Website using HTML and CSS hosted on GitHub - https://sidharthpanda.com
* Developed Price Elasticity model used in economics to show the responsiveness, or elasticity, of the quantity demanded of a good or service to a change in its price, as part of Data Science project - https://github.com/panda002/Fall-2019-KDD-Project