

Agniva Mukhopadhyay

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EDUCATION

NIT ROURKELA

M.TECH CS, SPECIALIZATION IN
SOFTWARE ENGINEERING
Aug 2022-Present | Rourkela, Orissa
Current GPA: 8.88

SRM UNIVERSITY

B.TECH IN COMPUTER SCIENCE
Grad. June 2020 | Kattankulathur,
Tamil Nadu
Total Percentage: 92.5

DON BOSCO SCHOOL

Grad. May 2016 | Bandel, India
12th Percentage: 96.5
10th Percentage: 93.8

LINKS

Portfolio Website: [Agniva.98](#)
LinkedIn: [agniva98](#)
Github: [Agnivabaantzz](#)
Facebook: [agniva.mukhopadhyay.1](#)
YouTube: [agniva98](#)
Instagram: [@agniva_baantzz](#)

SKILLS

PROGRAMMING AND TOOLS

Experienced:
C++ • Azure • HTML/CSS • Bootstrap
JavaScript • NodeJS • MongoDB •
Express • Powershell • ARM Templates •
JSON Scripting

Intermediate:
Java • Python • Shell

Familiar:
Azure Kubernetes Services • Azure
DevOps • Microsoft SQL

INTERESTS

Keyboardist • Music Production
Song Writing • Video Editing
Cinematography • Sketching

EXPERIENCE

TATA CONSULTANCY SERVICES | AZURE CLOUD ENGINEER

Sept 2020 - Oct 2022 | Kolkata, India

- Was part of a team responsible for designing and deploying cloud infrastructure for **Alcoa Corporation** and it's subsidiaries
- Provided **cloud-based solutions** and end-to-end cloud infrastructure deployment following DevOps practices in **Azure**
- **Responsibilities** - Building CI/CD pipelines in Azure DevOps, Automation through Powershell/Azure CLI Bash scripting, Extensive knowledge of Azure Services and IaC implementation through ARM Templates.

TATA CONSULTANCY SERVICES | AZURE CLOUD INTERN

Jan 2020 - May 2020 | Kolkata, India

- Only **TCS Digital cadres** were eligible for this internship
- Developed and hosted an online login portal in **Azure PaaS environment** in real-time for end users.
- Code written in ASP.NET and hosted in Azure using following resources - Azure web apps, Azure SQL Server and Database, Web app gateway, Azure Functions

RITUSHA CONSULTANCY PVT LIMITED | STUDENT INTERN

May 2018 - Jun 2018 | Kolkata, India

- Internship was based on applications of IOT in developing household solutions
- Developed an anti-theft alarm system using NodeMCU micro-controller
- Code was developed in C-sharp using Arduino IDE and integrated with Google mailing system

RESEARCH AND PROJECTS

SRM MACHINE LEARNING LAB | RESEARCHER

Jan 2019 - Jan 2020 | Chennai, Tamil Nadu

Worked with **Prashant Singh** and **Prof S.Thenmalar** to create an ML project involving the classification of employee attrition using a comparative study among various models. The various models used for this project are Decision Tree, SVM, K-Nearest Neighbours, Naive Bayes, Gradient Boosted Decision Tree and ANN.

AGNIMART | A WEB-BASED SUPERMARKET APPLICATION

Oct 2022 - Dec 2022 | Rourkela, Orissa

Developed an e-commerce web-based application for the supermarket staffs and employees for automating day-to-day activities. **This project** was developed using HTML/CSS, Bootstrap, JS (**Front-end**) and Node, Express, MongoDB (**Back-end**).

AWARDS AND CERTIFICATIONS

2022	Linkedin Assessment Qualified	Microsoft Azure
2021	Microsoft Certified	AZ-900: Azure Fundamentals
2019	NPTEL Certified	Data Science for Engineers
2018	NPTEL Certified	DS and Algorithms using Python

PUBLICATIONS

- [1] A. Mukhopadhyay, P. Singh, and Dr.S.Thenmalar. Analysis of employee performance and prediction of potential attrition- a survey. *IJAST*, 2020.
- [2] A. Mukhopadhyay, P. Singh, and Dr.S.Thenmalar. Analysis of predicting employee performance by attrition. *Seybold Report*, 2020.