



SHOURYA TIWARY

Course : **B.E. (Hons.)**, Mechanical Engineering, 2023
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CGPA : 7.14



ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Narbheram Hansraj English School	ISC	88 %	2019
CLASS X	GENERAL	Rajendra Vidyalaya	ICSE	90 %	2017

Subjects / Electives	Symbolic Logic, Engineering Optimization, Computer Programming, Professional Ethics
Technical Proficiency	Python3, JavaScript, Java, HTML + CSS, Github

PROJECTS

Marketing Campaign For Banking Products - Machine Learning

Aug 2020 - Sep 2020

- Conducted an extensive research about how a bank works and deduced that wants to bring in more loan business to earn through interest.
- Created a model that helped bank in identifying their potential customers who can **purchase the loan and reduce NPA**.
- Worked on increasing the success percentage to **9%** while at the same time reduce the cost of the campaign using python libraries.

Quiz Buzz - Android Development

Apr 2020 - May 2020

- Envisioned and developed a Multiple Choice Quiz App for school and college students having **20 questions and answers**.
- Implemented **Java based Android SDK** and **Java programming language** for developing the app.

Miwok Language App - Android Development

Mar 2020 - Apr 2020

- Developed a **Miwok Language** app using **Java Programming Language** and **Java based Android SDK** for making the app user interactive.
- The app displays lists of vocabulary words for the user to learn the **Miwok language**.

SUMMER INTERNSHIP / WORK EXPERIENCE

INTERN, KINARA AI

Jul 2022 - Dec 2022

- Implemented **30+ models** that enabled deep learning operations with the Kernel Development team.
- Maintained, tested and delivered good quality kernels customized with company's instruction set
- Leveraged **Jinja Templating Engine** to automate model generation of **700+ models** and verification via automated testing.

Summer Trainee, Hindustan Petroleum Corporation Ltd

May 2021 - Jul 2021

- Conducted extensive research about the grease manufacturing process and proposed state-of-the-art technology to boost the production.
- Suggested ways in which tools like **PLC** and **SCADA** can be used to optimize the production of lubes in the organization.
- Performed the **SWOT analysis** for setting up a new blending plant at the most suitable location from an industry point of view.

Team Member, MIIT-JEE Corporation

Oct 2020 - May 2021

- Provided assistance in checking and tagging mathematical questions, reviewed the quality of questions attempted by 20 students.
- Solved mathematical problems using pen tab and uploaded solutions for the students.

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Machine Learning	Internship Studio	The course content includes Python libraries such as Numpy, Pandas Data Frame, Naive Bias Classifier, Decision Tree Classifier, Regression Algorithms, Sklearn Library, Matplotlib Pyplot and Seaborn Plots .

POSITION OF RESPONSIBILITY

Joint Secretary - Maurya Vihar

Jun 2021 - May 2022

- Effectively arranged and managed the supply of logistics for various festivals like Saraswati Puja and Makar Sankranti held at BITS Pilani.
- Participated in various events like BITS founders day as a member of the dance team from Maurya Vihar association.
- Anchored for the Robaroo event and Seniors Farewell both organized by Maurya Vihar in BITS Pilani.

SCHOLARSHIPS

Tata Steel Millennium Scholarship

Jan 2020

Among one of the recipients of the Millennium Scholarship(Category A) awarded by TATA Steel to **125** meritorious students.

LANGUAGES KNOWN

Hindi, English