

AKHIL NAMA

 linkedin.com/in/akhil-nama |  akhil.nama.iitkgp@gmail.com |  +91-9887596550

EDUCATION

B.Tech | Indian Institute of Technology Kharagpur, India
Chemical Engineering

Jul'19 - Apr'23
GPA: 8.73/10.0

SKILLS

Programming Languages & Software: JavaScript | Node.js | Express.js | React.js | MongoDB | GIT | Jira | SQL | C++
Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, XGBoost) | MS Excel | SAS

EXPERIENCE

Ace Turtle Jun'23 - Oct'23
Associate Software Developer, Bangalore, India

- Engineered API calls using **Node.js**, **MongoDB** to integrate ESL device into the Offline POS channel, enhancing promotion visibility
- Implemented **Handshake API mechanism** linking Rubicon (In-house Server) and Solum's ESL Servers increasing overall reliability
- Optimized Product data display for the ESL device's screen dimensions using Templates, improving user experience and alignment.

Axis Bank Jun'22 - Jul'22
Business Analyst Intern, Bangalore, India

- Used **SAS** & **SQL** in SAS to collect **8000+** transaction data of the customers corresponding to CBG WC loans in 4th Quarter of FY22
- Used **Vintage curves** and Discounted Cash Flow Analysis to calculate and plot PBT Waterfall and NPV Waterfall for CBG WC loans
- Received Pre-Placement Offer (PPO) to join as full-time Analyst for work done during the summer internship program at BIU

Indian School of Business (ISB) Jun'21 - Jul'21
Summer Analyst Intern, Hyderabad, India

- Developed **annual composites** of Landsat satellite data over the span of **30 years** from 1985 to 2015 data using **Google Earth Engine**
- Identified **9000+** significant points in Karnataka state & analysed performance of 3 classification machine learning models using **recall**
- Improved overall performance of model by **7.5%** using application of ensemble learning methods on the analysed tree-based classifiers

PROJECTS

Search Engine Browser Mar'22 - Apr'22

- Engineered web scraping for **3500+** **DSA** problems from SPOJ and Codechef, extracting titles, links, and problem statements using **Beautiful Soup** and **Selenium**.
- Developed a web application, utilizing **Node.js** with the **Express.js** library for the back-end and **React.js** for the front-end
- Employed **TF-IDF algorithms** to determine the top 10 related problems for user queries from the problem corpus.

Popularity Analysis of Songs Mar'21 - Apr'21

- Applied label encoding, data cleaning & data engineering techniques on the **1200+** training data points containing set of **10+** features
- Created Correlation **Heat Maps** to identify 2 overlapping features & visualised the dataset via scatter plot matrix to generate insight
- Increased utilisation of biddable amount by **100%** through application of novel ensemble model technique on three classification models

AWARDS AND ACHIEVEMENTS

- Secured Departmental Rank 5 and was among top 1% students in Institute to be awarded department change at the end of first year
- Peak-rated **2019 (5-start Division-1)** on Codechef (**Handle: akna13**) and **1629 (Expert)** on Codeforces (**Handle: aloo247**)
- Ranked among **top 2%** and **top 0.3 %** out of the total candidates who appeared for **JEE Advanced** and **Mains 2019** respectively

POSITIONS OF RESPONSIBILITY

Senior Executive Member (SEM) | PRAYAS Team | Gopali Youth Welfare Society (GYWS) | NGO Aug'20 - Apr'21

- Collectively raised amount of **Rs 5+ lakh** along with 30 other SEMs in winter collection drive by reaching **50+** schools and universities
- Co-Founded** PRAYAS UG team by mentoring **16** newcomers & training **7** interns through weekly hands-on session and online courses

Secretary Technology | Nehru Hall of Residence Aug'21 - Mar'21

- Responsible for successful coordination within Hall teams with **30+** participants in **Open IIT events** conducted by IIT Kharagpur
- Coordinated knowledge transfer sessions to bridge the interaction gap between seniors and juniors with **90%** participation

EXTRACURRICULAR ACTIVITIES

- Part of playing 11 of the Nehru Hall of Residence football team, participated in General Championship, IIT Kharagpur
- Along with two other team members, built a fully working remote-controlled robot in fresher's Robo-Soccer tournament
- Build a theoretical model for modern venting cart and participated in Open IIT Product Design competition in 2019-20 term