

Aniket Sahoo

aniket.sahoo379@gmail.com | +1-7812789942 | [LinkedIn](#) | [Github](#)

EDUCATION

BITS Pilani University | B.E. Computer Science | 8.08 CGPA

Oct 2020 - July 2024

- **Relevant Coursework:** Data structures & Algorithms, Database Management, Computer Networks, Object-Oriented Programming, Operating Systems, Artificial Intelligence, Deep Learning

SKILLS

- **Technical Proficiency:** Java, Python, Spring, SQL, JUnit5, Git, Mockito, Data structures & Algorithms, Object-Oriented Programming, Data Analysis & Manipulation, REST, React

WORK EXPERIENCE

Amazon | SDE Intern

Jun 2023 - Dec 2023

- Developed backend components with **Java and Spring**, boosting service efficiency by **40%** for **1M+ daily customer requests**.
- Enhanced user experience by **reducing error** pages shown to customers by **over 15%**.
- Implemented **automated unit testing** with **JUnit5 and Mockito**, achieving **100% code coverage** and ensuring maintainability.
- Designed a **Python script** to migrate and convert **JSON config data to Amazon Ion database**, saving over **40+ hours**.
- Designed a database schema and integrated it with the front-end system, **streamlining business changes** and saving **5+ hours** weekly.

Scovelo Consulting | SDE Intern

May 2022 - July 2022

- Developed a **Python web scraping tool** with **Selenium and BeautifulSoup** to automate the extraction of company and contact details, sourcing **1,000+ potential clients**.

PROJECTS

Nudge Foundation | Business Strategy Consulting

- Devised a **go-to-market strategy** for an NGO with **100K+ beneficiaries** to integrate less privileged individuals into the gig economy and **support poverty alleviation**.

Predicting Car Prices | ML Regression | [link to project](#)

- Built a **regression model from scratch**, implementing cost functions, gradient descent, feature scaling, model-fitting, and cross-validation using Python with **80% accuracy**.

Technical Analysis of Market Securities | Securities and Portfolio Management

- Analyzed **historical data in MS Excel**, plotted line and candlestick charts, and identified trend lines and candlestick patterns.
- Evaluated strategy performance and **simulated trades by applying RSI, MACD, and Bollinger Bands**.

Game Theory in Baseball | [link to project](#)

- Created a **game theory framework** to assess **optimal strategies** in high-stakes baseball situations **utilizing Statcast data**.

LEADERSHIP EXPERIENCE

Marketing Director | BITS Goa Consulting Club (BGCC)

May 2022 - May 2023

- Coordinated a team of 30 members to create **60+ social media creatives**, increasing engagement by **over 200% with 30,000 impressions**.
- Spearheaded a **national-level case competition** with a budget of Rs. 60,000+ and saw over **1000+ registrations**.

Captain & Coach | Men's Basketball Team -BITS Goa

May 2022- May 2023

- Led a team of **25+ athletes**, organizing and coaching during daily practice sessions and driving film sessions, **winning five inter-collegiate tournaments**.
- Secured funding by engaging alumni while also **managing logistics** such as travel, accommodation, equipment, and team kits.

Sports Captain | DPS South

July 2019 - March 2020

- Elected by a student body of **2500+ students**.
- Organized a **national-level school tournament** featuring over 20 teams from 15+ states, with **more than 200 athletes competing**.

ACHIEVEMENTS

- **International Rank 1**, International English Olympiad, SOF
- **State Rank 3**, International Science Olympiad, SOF
- **5x National Level Basketball Player** Representing Karnataka in the BFI National Tournament
- Captained **DPS Bangalore South Basketball Team**, winning CBSE Nationals and Inter-DPS Nationals thrice