KISLAY | 21BT10018

BIOTECH. & BIOCHEMICAL ENGG. (B.Tech 4Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	B.TECH	IIT Kharagpur	8.32/10
2021	Class XII, BSEB	S.B College, Ara	82.6%
2019	Class X, CBSE	Veena Vidya Niketan, Patna	71.8%

INTERNSHIPS

Grooks | Product Management Intern   **[May 24 - Jul 24]**

objective: *Boosted user engagement and platform valuation at Grooks, contributing to successful fundraising and overall product improvements*
• Increased monthly **active users** by **15.9% (YoY)** at Grooks by **optimizing user engagement** strategies and improving **platform usability**
• Contributed to **presentation**, raising **$100K** in funding at a valuation of **$2M** by demonstrating **product-market fit** and **growth potential**
• Improved retention by **10%** through the introduction of a **game coin feature** and **UI/UX** enhancements, boosting overall **user satisfaction**
• Analyzed over 4 lakh game data instances using SQL to inform product development, leading to improved gameplay and increased sessions

Turbofan Engine Degradation Analytics | Prof. Saptarishi Sengupta | San Jose State University   **[Sep 23 - Dec 23]**

objective: *Enhanced engine failure predictions using advanced machine learning models, improving predictive maintenance outcome accuracy*
• Conducted advanced predictive modeling on N-CMAPSS dataset, effectively reducing dimensionality to enhance engine failure prediction
• Thoroughly researched **Transformer** & **CNN architectures** for predictive models, optimizing attention mechanisms and hyperparameters
• Integrated **Attention Mechanism** into **Bi-LSTM** with **CNN layer**, improving predictions by **28.6%** and enhancing model robustness
• Spearheaded project **milestones**, effectively showcasing the approach's effectiveness in **enhancing predictive maintenance** outcomes

PROJECTS

Fitness Centre Management system | Self Project   **[Jul 24 - Aug 24]**

  • Utilized **Docker** to streamline environment setup, also ensuring **efficient collaboration** across development and **production stages**
  • Successfully migrated **SQL database** to **PostgreSQL**, enhancing complete data management, query performance, and overall **scalability**
  • Deployed **NGINX** as a reverse **proxy server**, optimizing load balancing, SSL termination, and overall server performance for the application
  • Implemented CRUD functionality with Django, leveraging **REST APIs**, **JWT authentication**, and integration with **Android** using **Retrofit**

ENTREPRENEURIAL EXPERIENCES

Phyed | Founder

objective: *Phyed was offering integrated services including courses, job opportunities, connections, trip planning, fooding and accommodations*
• Founded Phyed, leading a dynamic team of **30+ professionals**, setting strategic direction, and ensuring continuous **organizational** growth
• Lead a **15-member** tech team, proactively driving **innovation** and nurturing a culture of **excellence** in developing the student platform
• Expanded reach to over **100** engineering colleges during **beta testing**, enhancing student **engagement** through courses, jobs, and more

Wolfanda | Founder

Objective: *Results-driven Product Manager skilled in B2B client acquisition, seeking to leverage leadership to drive innovation and growth*
• Successfully **managed** product team to prepare **databases** and streamline client acquisition, contributing to **INR 27,00,000** in **B2B** services
• Spearheaded **AI solution** implementations in **automation**, **NLP**, and **predictive analytics**, driving transformative **growth** across sectors
• Executed **strategic** client acquisition campaign via LinkedIn & Facebook, establishing strong partnerships and enhancing product market fit

Trezla | Founder

objective: *Led the development and growth of a digital marketing platform from concept to market, securing funds and scaling operations*
• Successfully secured **INR 1,300,000** in seed funding through **Bihar Government** grants, enabling the launch and **expansion** of the platform
• Conducted comprehensive **market research** that led to the pre-registration of more than **50 agencies** and **100+ brands** for early access
• Built and maintained an extensive database of more than **700 agencies** and **5,000+ brands**, significantly enhancing **targeted outreach**

POSITIONS OF RESPONSIBILITY

Associate Member | Entrepreneurship Cell, IIT Kharagpur   **[Aug 22 - Jan 23]**
• Conducted **Global Entrepreneurship Summit 2022** which witnessed a total of **60** speakers, **49** events and **2700+** attendees across **India**
• Invited and hosted guest lectures of the founders of **Zscaler**, **Vedantu**, **Policybazaar**, **Shopclues**, Rupeek, **Lendingkart**, Clovia, and LEAD
• Onboarded **30+** startups under **StartIN 12.0** portal to provide **internships** in various domains in startups to the **IIT Kharagpur** students
• Impacted and inspired **over 500 young entrepreneurs** through the event, leaving a **lasting impression** on their entrepreneurial journey

GES Intern | Entrepreneurship Cell, IIT Kharagpur   **[Jan 22 - July 22]**
• Contacted over **25** colleges and **1200+** students **(40% YoY increase)** to inform about various **sessions** and **guest lectures** to be held
• Efficiently attracted an extensive participation from over **100 investors**, **300+** renowned **entrepreneurs**, and more than **1500 students**
• As team, formed strategic partnerships with sponsors, including **Reliance Industries**, and secured co-sponsorship from **PhonePe** and **Acer**

SKILLS AND EXPERTISE

• **Programming Languages:** C/C++, C#, JavaScript, python, typescript, Haskell, Matlab, java | **Database:** PostgreSQL, MongoDB, SQL Server
• **Frameworks:** React, Express, ASP.NET, Flask, Django, jQuery | **Tools:** MS Office Suite, Jira, Git, Figma, Postman, AWS, Docker, Jupyter
• **Courses** : Digital Product Management | Understanding Financial Markets | Economics | Foundations of Entrepreneurship | Statistics

EXTRA CURRICULAR ACTIVITIES

Socult: Secured **1st Position(Gold)** in the **Inter-Hall Illumination Championship 2022** by designing the illumination panel of **Azad Hall**
Social and Cultural: Secured highest overall points in **Social &Cultural interhall 2021-22** among **21** halls of residence with **3** event **golds**
Sports: Crew member of the **GOLD-winning** Cricket team made by Azad Hall of Residence for Cricket in Inter-Hall Gymkhana Championship
Managerial: Worked with the **Sponsorship Team** of **Khoj'23** which collected a sum total of **INR 80,000** for the Annual Treasure Hunt
Mentorship: Served as a **student mentor** to guide **6** first year Undergraduate students under the purview of the Dean of Students Affairs