

Ojas Balsotra

Sr Application Developer

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📍 Bangalore, India 📞 9867651269

in Ojas Balsotra

PROFILE

Product Developer with a proven track record of leveraging strong development and analytical skills in Ed-Tech Product Development, Management, and Business Analytics. Extensive experience in leading cross-functional teams for renowned brands like Byju's and WhiteHat Jr, contributing to the success of groundbreaking products such as "Byjus Live Classes," "Learn with English," and "Byjus US Website Concept Pages." These achievements have established me as a key player in the world's first global, comprehensive pre K-12 online live learning platform, serving diverse geographies.

I am eager to join a challenging organization that offers opportunities in Data Science, Business Analytics, and Development.

TECHNICAL SKILLS

Python

Typescript

HTML5/CSS3

React JS

MySQL

Data Visualization

Data Analysis

Microsoft Excel

Data Reporting

Data Mining

Machine Learning

PROJECTS

Customer Segmentation

Identifying the customers who will most easily converge and buy products.

PROFESSIONAL EXPERIENCE

Sr Application Developer, Byjus ✍

06/2021 – present | Bangalore, India

- Led the development of a cutting-edge web application for BYJU's US website, expertly combining the power of ReactJS and Geogebra API to deliver an unparalleled study resource. Collaborated with cross-functional teams to create dynamic and interactive concept applets, providing an exceptional learning experience for students.
- Administered complete lifecycle of the Applet development process, established the creation process flow with cross-functional teams from Applet conceptualization, wire-framing, asset designing, development of the applet, then to QA testing and publishing on the platform.
- Established and rolled out better development practices for the team to improve productivity and product quality, including readability guidelines, timeline estimates, Agile development, Git version control and Product Management tools.
- Aimed to maintain 100% Bug-free Product Formulated and implemented improvements in applet Creation and testing processes, resulting in a 70% reduction in QA fails, 60 % less production fails & 80% less error tickets raised compared to other grades.

Application Developer, WhiteHat Jr ✍

2020 – 2021 | Bangalore, India

- Designed and tested well structured, detailed educational applets for Create with Math Product using the GeoGebra & Cocos2D (Game Engine) Platform which included Typescript programming language.
- Diagnosed, improved, and extended existing 'Create with Math' platform applets by identifying code optimization methodologies and including new engaging features.
- Identifying breakpoints and provide regular updates. Worked with illustrators and designers to translate UI designs into a pixel perfect, responsive UI experience for the web.

Technical Support Engineer, WhiteHat Jr ✍

2020 – 2020 | Mumbai, India

- Troubleshooting network and internet Issues on teachers systems (Windows, Mac OS and Linux)
- Training shortlisted teacher candidates on using the online teaching panel of WhiteHat Jr for a seamless interview experience.

EDA for loan approval in banking,
Exploratory data analysis of the patterns present in the data, when the company receives a loan application so that the company has to decide for loan approval based on the applicant's profile.

Lead Scoring Study for X Education

Successfully identify this set of leads, the lead conversion rate should go up for the sales team so that they will now be focusing more on communicating with the potential leads rather than making calls to everyone.

E-commerce,

Working on budget optimization.

Using the understanding of the model, I have to recommend the optimal budget allocation for different marketing levers for the next year.

AWARDS

Star performer,
WhiteHat Jr/Byjus Future School
2022

Delivering applets on production before time.

Weekly Reward & Recognition,
WhiteHat Jr/Byjus Future School
2021

Dedication & Commitment towards Work and the growth of the Organization.

Dedicated Service Award, IEEE
2019

Dedicated Service award from IEEE Students Branch Mahatma Gandhi Mission's College of Engineering & Technology as the role of "Vice Chairperson" for Tremendous Contribution towards Establishing and setting up new students Branch.

PUBLICATIONS

Workshop on VLSI Design,
IEEE R10 Newsletter, Special Edition. - 
2018

A Description of organizing VLSI Design Workshop under students branch, IEEE in R10 Asia pacific Newsletter.

- Adept to technology and helping the interview takers in troubleshooting system issues with teacher candidates for smooth interview session.

Engineer Intern, Central Railways

2018 – 2018 | Mumbai, India

15 days Onsite learning at Central railways, CSTM Mumbai that included.

- PA system.
- RailWire optic fiber network system.
- Data centre of CR.

SOFT SKILLS

Strategic Thinking

Adaptability

Time Management

Leadership

Verbal & Written Communication

Teamwork

Project Management

INTERESTS

Hiking

Cooking

Photography

EDUCATION

Master of Science,
Liverpool John Moores University 

2023 – present | Liverpool, United Kingdom
Data Science

Executive Post Graduate, International
Institute of Information Technology 

2022 – 2023 | Bangalore, India
Specialization in Business Analytics
C.G.P.A - 3.49/4

Bachelor's of Engineering, MGM College of
Engineering & Technology, Mumbai
University

2015 – 2019 | Navi Mumbai, India
Electronics & Telecommunications
C.G.P.A - 6.89/10