

NISHANT S. BUNDELA

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EDUCATION

THE JOHNS HOPKINS UNIVERSITY

Aug 2021 - Dec 2022

MS in Engineering Management | Specialization: Smart Product and Device Design

Coursework: Data Science, Statistical Learning for Engineers, OOSE, Strategies for Innovation and Growth.

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

Graduated June 2019

Bachelor of Technology, Major: Mechanical Engineering

Top 0.51 percentile of 1.2 million candidates. Tested on Physics, Chemistry and Mathematical skills.

EXPERIENCE

Vice President of Projects | Johns Hopkins Product Management Club

Feb 2022 - Present

- Negotiated and acquired projects from 11 organizations. Supervised 30+ members in PM projects.
- Led the digital transformation of the club by integrating the use of Miro, Slack, Figma and Jira as standard tools.
- Used Python and Tableau to analyze club KPIs and improved club engagement by 300%.

Strategy Consultant | Danfoss Editron

Oct 2021 - Dec 2021

- Researched the Electric Vehicle ecosystem in the US. Created KPIs for Danfoss products and services.
- Proposed a five-year strategy to make future proof, resilient products, and gain market share.

Student Product Manager | Personix | Baltimore, MD

Oct 2021 - Jan 2021

- Managed and developed an NLP tool capable of extracting optimized insights from videos for product managers.
- Conducted Product Manager interviews, data analytics and created Tableau visualizations for product improvement.

Teaching Assistant | Johns Hopkins University, Baltimore, MD

Aug 2021 - Dec 2021

Course: Practical Ethics for Future Leaders

- Taught decision-making frameworks focusing on dilemmas of AI, Algorithms, Autonomous Vehicles and Privacy.
- Mentored and graded 60 students for this course. Oversaw group discussions and surveys.

Strategy Consultant | The Johns Hopkins Hospital | Baltimore, MD

Aug 2021 - Nov 2021

- Optimize medicine logistics during emergency situations. Created wireframes and protocols to increase efficiency.
- Used Figma to create blueprint for a new emergency medication box, improving medicine recovery time by 20%.

Co-Founder and Product Manager | Techvention

Oct 2016 - Jan 2020

- Designed IoT based navigation devices using Arduino and Raspberry pi modules.
- Finalist; Selected as one of the top 30 Business-plans among 12,000 teams. Received \$10,000 in funding.
- Helped over 50 differently abled people by providing them with individually tailored gadgets.

PROJECTS

Autonomous Robots

Jan 2022 - March 2022

- Designed an autonomous robot capable of perceiving and navigating a maze. Used a CV enabled Pixy2 camera.
- Designed a robot capable of balancing itself on two co-axial wheels. Used an IMU sensor and PID algorithms.
- Designed an Autonomous robot capable of playing Air Hockey. Used Pixy camera and an RF Module.

Data Science and Machine Learning Projects

Jan 2020 - May 2020

- Predicted heart failure with 92.7 percent accuracy using neural network, logistic regression, SVM and KNN models.
- Sentiment Analysis of Twitter tweets.

JPay – Payroll Software for JHU [Link](#)

- Followed Agile development methodologies and delivered the product in 5 iterations from prototype to beta
- Created dashboards, dynamic user pages, filtering and email notification options for 3 different users
- Created routes and API's using Axios for CRUD operations on PostgreSQL database. Hosted the app on Heroku

SKILLS AND CERTIFICATIONS

Software Engineering: Algorithms and Data Structures, JavaScript, REACT, PostgreSQL, Docker, Git and GitHub, Slack

Product Management: Figma, Canva, Jira, Miro Board, Slack

IoT Development: C/C++, UNIX, Arduino, Raspberry Pi

Data Science: Python, NumPy, Pandas, Matplotlib, SciKit-Learn, SQL, Excel, Tableau,

Certifications: Google Data Analytics Professional Certificate (Coursera), Machine Learning (Programming Hub)