NAVEEN PRASHANTH K.S

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**SUMMARY** A passionate AI and Data Science enthusiast currently pursuing a BTech with a strong foundation in full-stack development and machine learning. I have hands-on experience in building innovative solutions, including Intellivision, an AI-powered assistive technology for visually impaired individuals. Proficient in Python, Django, C++, and front-end technologies, with expertise in data visualization tools like Power BI and Excel. I am committed to leveraging AI and tech innovations to solve real- world challenges and enhance accessibility, while actively contributing to academic and extracurricular achievements as a Student Council Cultural Secretary

# EDUCATION

## Btech Artificial Intelligence and Data Science

**Nov 2022 - May 2026**

Akshaya college of engineering and technology - Coimbtore, Tamil Nadu.

CGPA: 7.9

# CERTIFICATIONS

Oracle Cloud Infrastructure Foundations Associate - Oracle University Full Stack using Python and Django - Robomatiic

Marketing & Analytics - Advanced - Great learnig

**KEY SKILLS** C++, Python

Full Stack development

Machine learning frameworks(Tensor-flow, Pytorch, scikit-learn, Keras)

Data analysis and Visualization(KNIME, Power BI, Excel).

Communication. Team management. Problem solving.

Customer service. Attention to details.

**TOOLS** Data analytics (KNIME) Version controls (Git & Github)

UI/UX Design tools(Figma, Adobe Illustrator)

# INTERNSHIP

## Data Science Intern,CodeAlpha

**Aug 2024 - Sep 2024**

Developed Predictive Models: Worked on 'Titanic survival prediction' and 'stock price prediction' tasks, utilizing machine learning algorithms and data preprocessing techniques to analyze and predict outcomes based on historical data.

Data Science Application: Gained hands-on experience in supervised learning models, feature engineering, and model evaluation using Python libraries like Scikit- learn and Pandas.

Problem-Solving Focus: Applied data science methodologies to solve real-world problems, demonstrating strong analytical skills and practical knowledge in creating solutions for complex datasets.

# PROJECTS

## Intellivision

Comprehensive Assistive Technology: Intellivision is designed to assist visually impaired individuals by providing real-time object recognition, text reading, facial expression analysis, and navigation through AI, machine learning, and computer vision.

Cloud-Based Continuous Learning: The device leverages cloud-based AI, allowing it to identify unknown objects by accessing information from the internet, ensuring continuous improvement and adaptability beyond pre-trained datasets.

Award : Best concept award ( Tech day 2024 - Akshaya college of engineering and technology )

## Restaurant website

Responsive Design: The website was built with a focus on responsive design, ensuring seamless user experiences across different devices, including desktops, tablets, and mobile phones.

Intuitive User Interface: Designed a clean and intuitive UI with easy navigation for users to explore the restaurant’s menu, services, and reservation options, enhancing overall user engagement.

Interactive Features: Incorporated interactive elements such as dynamic menu filtering, hover effects, and smooth scrolling to create an engaging, modern front- end experience using HTML, CSS, and JavaScript.

## Personal portfolio

Showcase of Skills and Projects: The portfolio effectively highlights my technical skills, including programming languages, frameworks, and tools, along with detailed descriptions and visuals of your completed projects, such as Intellivision and your restaurant website.

Responsive and Modern Design: Developed using modern design principles, the portfolio features a responsive layout that ensures compatibility across various devices, providing a seamless user experience for visitors.

Interactive Elements and Navigation: Incorporated user-friendly navigation and interactive elements, such as smooth scrolling, hover effects, and a contact form, to engage visitors and make it easy for potential employers or clients to reach out.

**ACHIEVEMENTS** Best concept award for our project “Intellivision”2024.

# EXTRACURIICULAR ACTIVITIES

Best concept award for project “Intellivision”2024. Cultural secretary of our college 2024 - 2025.

Best anchor award for hosting an inter college cultural event “Tharika 2k24”.

Best short film award for my short film “ koduran “ - Karpagam college of engineering and technology - Coimbatore, Tamil Nadu.