

ABHINAY BABU MANIKANTI

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OBJECTIVE

As a diligent second-year B.Tech student in Computer Science and Engineering, I am an aspiring data analyst and software developer with a strong foundation in Java, Python, and web development. I am eager to leverage my skills in data analytics, software development, and generative AI to drive innovative solutions. My background includes coursework in prompt engineering and advanced AI technologies. I am passionate about using my technical expertise to analyze complex data sets, develop robust applications, and contribute to dynamic projects. I seek an internship to apply my diverse skill set, learn from industry experts, and grow as a professional in a challenging and collaborative environment.

EDUCATION

VIT-AP University, Amaravati, Bachelor of Science in the Computer Science Relevant Coursework: Artificial Intelligence, Machine Learning, Deep Learning	2022 - 2026
Sri Chaitanya junior College, Tirupati, Intermediate Relevant Coursework: Mathematics, Physics, Chemistry	2020 - 2022 Percentage : 96.5
VSR Montessori School, Reddivaripalle, Matric Relevant Coursework: Mathematics, Physics, Chemistry	2019 - 2020 Percentage : 93.9

SKILLS

Technical Skills:	Java, Python, SQL, R, Html, CSS.
Software and Tools:	Matlab, Power BI, VS Code, Figma, Canva, Adobe Photoshop, PyCharm, Eclipse.
Other:	Quantitative Analysis, Analytical Skills, Creative problem-solving, Project Management, Excellent Communication, Teamwork, Adaptability, Attention to Detail

EXTRACURRICULAR ACTIVITIES

Clubs and Committees: Photography Club, Social Media Committee(SMC), Chaitra Telugu Association, Computer Society Of India.

Positions: Club Manager at Photography Club, Photography lead at SMC, Core member at Chaitra Telugu Association in VIT-AP University

Skills: Team Management, Collaborative Teamwork, Team Leader, Analytical Skills, Interpersonal Skills, Time Management.

EXPERIENCE

Java Developer Intern InternPe	April 08- May 15
<ul style="list-style-type: none">• Proficient in Java Programming language.• Demonstrated ability to adapt to new technologies and frameworks, and effectively troubleshooted and resolved technical issues, ensuring timely project completion.• Successfully completed over 5 projects, demonstrating proficiency in Java and ability to deliver high-quality results under tight deadlines.	
Social media Committee It is a committee at VIT-AP University that manages all social media platforms	September 2022 – Present <i>Amaravati</i>

- Covered numerous Events in VIT-AP University that are posted in our social media platforms, all of which were credited and posted..
- Consistently taken many department promo videos on time, without any delays or missed deadlines.
- Willing to work flexibly and at any time, demonstrating a strong commitment to fulfilling assigned responsibilities promptly

VITOPIA(Cultural event)and VTAPP(Tech fest)

February 2024

Core Member

Amaravathi

- Contributed as a Core Photographer and Videographer for VITOPIA, a cultural event.
- Played a key role as Photographer and Student Coordinator for VTAPP, a Tech event.

PROJECTS

Park-plaza.

[\(check it here\)](#)

Our Smart Parking Management System is a revolutionary solution aimed at simplifying urban mobility challenges associated with parking. Leveraging cutting-edge technology such as IoT (Internet of Things) and machine learning, our system offers a seamless parking experience for users.

Technologies Used: Sensor Technology, IoT Devices, Communication Protocols, machine learning, Cloud Services, Python, Java.

AI-Shopping.

[\(check it here\)](#)

AI-powered automated retail stores (AIPARS) are at the forefront of transforming the traditional retail landscape by leveraging Artificial Intelligence (AI) to enhance the shopping experience. These innovative stores utilize AI algorithms to optimize operations and provide customers with a seamless and personalized shopping journey.

Technologies Used: Natural Language Processing (NLP), Machine Learning, React, HTML, CSS, Cloud Services, MySQL, MongoDB.

Fire Gas Detection In Home Automation.

[\(check it here\)](#)

Fires and gas leaks pose serious threats to homes and occupants. This project addresses these risks by implementing a comprehensive detection and alert system that leverages sensors, IoT devices, and automation techniques to detect anomalies and trigger appropriate responses in real-time.

Technologies Used: Sensor Technology, IoT Devices, Communication Protocols, Automation Platforms, Cloud Services, Python, C/C++.

My-AI-Assistant.

[\(check it here\)](#)

My AI Assistant” is a sophisticated virtual assistant designed to simplify daily tasks, provide information, and assist users in various activities using artificial intelligence (AI) techniques.

Technologies Used: Natural Language Processing (NLP), Machine Learning, Python, Flask/Django, React.js, HTML/CSS, Voice Recognition, APIs for weather, news, and other services

Smart-Hotel-Management.

[\(check it here\)](#)

The Smart Hotel Management System leverages advanced technologies to enhance hotel operations and improve guest experiences. This project integrates AI, IoT, and data analytics to streamline various hotel management tasks and provide personalized services to guests.

Technologies Used: Machine Learning, Pandas, Matplotlib, Power BI, React, HTML, CSS, Python, Flask/Django

TourTuct.

[\(check it here\)](#)

TourTuct is an innovative web application designed to streamline the travel planning experience, offering personalized suggestions and comprehensive booking options for users. Whether you’re seeking an adventurous getaway, a relaxing retreat, or a cultural exploration, TourTuct caters to all your travel needs with a range of customizable features.

Technologies Used: Machine Learning, React, HTML, CSS, JavaScript, Python, Flask/Django, Google Maps API.