

AKASH N

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EDUCATION

JSS Acadamy of Technical Education, Bangalore <i>Bachelor of Engineering ,Information Science</i>	2020 - 2024 CGPA-8.6
RNS Composite PU College, Bangalore <i>Secondary PreUniversity</i>	2018 - 2020 Percentage-92
Bunts Sangha RNS Vidyanikethan <i>High School, ICSE Board</i>	2007-2018 Percentage-86

EXPERIENCE

INTRNFORTE <i>Full Stack Web Developer</i>	May 2023 - Aug 2023 Bengaluru, Karnataka
<ul style="list-style-type: none">Developed a comprehensive ERP system using Django to facilitate a smooth academic workflow, featuring modules for students, admins, and teachers. Designed user interfaces using HTML, CSS, JavaScript and ReactJS for a seamless user experience.Managed back-end operations with Python and Django, focusing on secure user authentication and efficient database management.	
CODSOFT <i>Full Stack Web Developer</i>	Sept 2023 - Nov 2023 Bengaluru, Karnataka
<ul style="list-style-type: none">Built a web-based editor for HTML, CSS, and JavaScript, enabling real-time code execution and compilation.Designed a Railway Reservation System with features including user registration, train and seat availability checks, booking and cancellation, and CRUD operations for tickets and trains. Integrated user authentication for admin access and ensured seamless interaction through a CLI-based interface with real-time feedback and validation.	

PROJECTS

College ERP Management System <i>Python, Django, HTML, CSS, JavaScript</i>	Jun 2023 – Aug 2023
<ul style="list-style-type: none">Created a comprehensive ERP system using Django's MVC architecture, featuring modules for students, teachers, and admins. Enhanced the user experience with a responsive and intuitive interface, allowing students to manage personal data, track attendance, and view grades seamlessly.The teacher module used for recording attendance, inputting marks, managing timetables, and tracking student performance. Admins manage user profiles, permissions, and role-based access, ensuring robust data security.	
Railway Reservation System <i>Python, HTML, CSS, JavaScript</i>	Oct 2023 – Nov 2023
<ul style="list-style-type: none">Crafted a file-based system using Python with a hashing mechanism for efficient train and ticket management.Implemented functionalities for users to book, search, modify, and delete tickets, while admins can manage trains, view ticket records, and perform CRUD operations.	
Automated Waste Classification Using Deep Learning and IoT <i>Python, YOLOv5</i>	Dec 2023 -March 2024
<ul style="list-style-type: none">Applied YOLOv5 for real-time waste classification, accurately detecting and categorizing dry, wet, and metal waste from camera inputs.Integrated Arduino with a conveyor belt system and sensors to sort waste automatically.Enabled Telegram for real-time notifications, allowing for immediate alerts and updates on waste management status, ensuring efficient tracking and handling of waste processes.	
Online Job Portal <i>Python, Django, HTML, CSS, JavaScript, PostgreSQL</i>	Aug 2024 -Oct 2024
<ul style="list-style-type: none">Built a web application featuring roles for Candidate, Employer, and Admin. Candidates can search, apply for jobs based on location and role, and manage their applications through a personalized dashboard.Facilitated features for employers to manage job postings and view applications, with admins overseeing users, employers, job postings, and applications using Django's Object-Relational Mapping.	

TECHNICAL SKILLS

Languages:Python, HTML, CSS, JavaScript, Java, C
Database and Frameworks: ReactJS, Django, SQL
Developer Tools:Visual Studio Code, Eclipse, Jupyter
Libraries: Pandas, NumPy, Matplotlib, PyTorch, TensorFlow
Other Skills: Problem solving, creative writing, data structures, algorithms, analytical skills, communication skills