

POORNIMA SHARMA

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EDUCATION

A.P.J. Abdul kalam Technical University(AKTU)

B.Tech in Electronics Communication

July 2019 – June 2023

Ghaziabad

TECHNICAL SKILLS

Languages: Python, C/C++, ASP .Net, HTML/CSS, JavaScript, MySQL, PHP, Object Oriented Programming

Developer Tools: VS Code, Git and GitHub, Postman, Control-M, Power BI, Docker, Kubernetes

Technologies/Frameworks: React.js, jQuery, Bootstrap v5, Jenkins, GitHub, Pandas, Numpy

EXPERIENCE

Tech Mahindra

Sept. 2023 – Current

Software Engineer

Noida

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues using Control-M BMC Tool.
- Collaborated with cross-functional teams to implement new system features, address performance issues, and resolve bugs in existing applications and infrastructure.
- Propose technical solutions based on the client's needs and business requirements. Ensure that the system works together as intended by testing integrated modules and components.
- Write, test, and maintain software code in different programming languages like C++, ASP .Net MVC, Python.

Ranchovation Lab

March 2023 – August 2023

Junior IOT Associate

IIT Delhi

- Assisted in the integration, configuration, and management of Internet of Things (IoT) devices and sensors, ensuring smooth communication and data transfer across platforms.
- Supported firmware updates and over-the-air (OTA) configurations for IoT modules to maintain system security and performance.
- Collaborated with cross-functional teams (hardware, software, and analytics) to ensure seamless IoT system performance and contribute to the creation of technical documentation for ongoing maintenance and upgrades.
- Contributed to the setup of edge devices and gateways, optimizing data flow between local devices and cloud platforms.

PROJECTS

Flight Status and Notification Website | HTML, CSS, ReactJS, Python, PostgreSQL

March 2024

- Developed a flight status tracking application using HTML, CSS, ReactJS, Python, PostgreSQL, and Firebase Cloud Messaging for a responsive, real-time user experience.
- Displayed real-time flight status updates, including flight number, current status (On Time, Delayed, Cancelled), and gate information for passengers.
- Integrated Firebase Cloud Messaging to send push notifications to users about changes in flight status.

Blood Bank Management System | ASP.NET MVC, Web Api, Postman

January 2023

- Designed and built a responsive user interface using ASP.NET MVC to manage Blood Bank System efficiently.
- Implemented RESTful APIs with ASP.NET Web API to handle operations like registration, blood processing, and updates, with a focus on secure and compliant data handling.
- Created a testing framework including unit, integration, and end-to-end tests to ensure application reliability before deploying to production.

CERTIFICATIONS

- Azure Fundamentals(AZ-900) Microsoft
- Data Structure and Algorithm Bootcamp Udemy
- Introduction to Python Udemy
- AI for everyone Coursera